

## 2018 Sep-Bioss产品文献引用精选

**Wang et al. Biomimetic nanoflowers by self-assembly of nanozymes to induce intracellular oxidative damage against hypoxic tumors. (2018) Nat.Commun. 9:3334.**

| Skus     | Product Name | Pubmed id | Journal_tier | Applications | Cross Reactivity |
|----------|--------------|-----------|--------------|--------------|------------------|
| bs-3185R | Anti-H2AX    | 30127408  | 12.35        | IF           | Mouse            |

**Kannan et al. Combined deficiency of Senataxin and DNA-PKcs causes DNA damage accumulation and neurodegeneration in spinal muscular atrophy. (2018) Nucleic.Acids.Res. 46:8326-8346.**

| Skus     | Product Name        | Pubmed id | Journal_tier | Applications | Cross Reactivity |
|----------|---------------------|-----------|--------------|--------------|------------------|
| bs-3721R | Anti-p-CHK2 (Thr68) | 30010942  | 11.56        | WB           | Mouse, Human     |

**Chuang et al. GLK-IKK $\beta$  signaling induces dimerization and translocation of the AhR-ROR $\gamma$ t complex in IL-17A induction and autoimmune disease. (2018) Sci Adv. Sep 12;4(9):eaat5401.**

| Skus     | Product Name | Pubmed id | Journal_tier | Applications | Cross Reactivity |
|----------|--------------|-----------|--------------|--------------|------------------|
| bs-1460R | Anti-IL-23R  | 30214937  | 11.51        | WB           | Mouse            |

**Sung et al. Single-Molecule Co-Immunoprecipitation Reveals Functional Inheritance of EGFRs in Extracellular Vesicles. (2018) Small,14(42):e1802358.**

| Skus     | Product Name | Pubmed id | Journal_tier | Applications | Cross Reactivity |
|----------|--------------|-----------|--------------|--------------|------------------|
| bs-1523R | Anti-CD63    | 30239124  | 9.60         | FCM&WB       | Human            |

**Duong et al. Smart vaccine delivery based on microneedle arrays decorated with ultra-pH-responsive copolymers for cancer immunotherapy.(2018) Biomaterials.Dec;185:13-24**

| Skus     | Product Name | Pubmed id | Journal_tier | Applications | Cross Reactivity |
|----------|--------------|-----------|--------------|--------------|------------------|
| bs-0283P | OVA          | 30216806  | 8.81         |              |                  |

**Hao et al. TC2N, a novel oncogene, accelerates tumor progression by suppressing p53 signaling pathway in lung cancer.(2018) Cell Death & Differentiation. Sep 25.**

| Skus     | Product Name               | Pubmed id | Journal_tier | Applications | Cross Reactivity |
|----------|----------------------------|-----------|--------------|--------------|------------------|
| bs-3702R | Anti-phosphor-p53 (Ser-15) | 30254375  | 8.00         | WB           | Human            |

**Fernandez-Fernandez et al. Hippocampal neurons require a large pool of glutathione to sustain dendrite integrity and cognitive function. (2018) Redox.Biol. 19:52-61**

| Skus     | Product Name | Pubmed id | Journal_tier | Applications | Cross Reactivity |
|----------|--------------|-----------|--------------|--------------|------------------|
| bs-1647R | Anti-CK2a    | 30107295  | 7.13         | IF           | Rat              |

**Yang et al. Dietary oleic acid-induced CD36 promotes cervical cancer cell growth and metastasis via up-regulation Src/ERK pathway. (2018) Cancer Letters. Dec 1;438:76-85.**

| Skus     | Product Name         | Pubmed id | Journal_tier | Applications | Cross Reactivity |
|----------|----------------------|-----------|--------------|--------------|------------------|
| bs-0061R | Anti- $\beta$ -Actin | 30213558  | 6.94         | WB           | Mouse            |

**Zhang et al. LGR5, a novel functional glioma stem cell marker, promotes EMT by activating the Wnt/ $\beta$ -catenin pathway and predicts poor survival of glioma patients.(2018) J. Exp. Clin. Cancer Res. Sep 12;37(1):225.**

| Skus     | Product Name    | Pubmed id | Journal_tier | Applications | Cross Reactivity |
|----------|-----------------|-----------|--------------|--------------|------------------|
| bs-1172R | Anti-N-cadherin | 30208924  | 6.22         | IHC          | Human            |

**Papp et al. GM-CSF as a therapeutic target in psoriasis: randomised, controlled investigation using namilumab - a specific, human anti-GM-CSF monoclonal antibody.(2018) Br. J. Dermatol. Sep 12**

| Skus     | Product Name | Pubmed id | Journal_tier | Applications | Cross Reactivity |
|----------|--------------|-----------|--------------|--------------|------------------|
| bs-3790R | Anti-GM-CSF  | 30207587  | 6.13         | WB           | Human            |

**Zhang et al. Disruption of the Superoxide Anions-Mitophagy Regulation Axis Mediates Copper Oxide Nanoparticles-Induced Vascular Endothelial Cell Death. Free Radic. Biol. Med. Sep 21;129:268-278**

| Skus     | Product Name | Pubmed id | Journal_tier | Applications | Cross Reactivity |
|----------|--------------|-----------|--------------|--------------|------------------|
| bs-7357R | Anti-TOM20   | 30248444  | 6.02         | WB           | Human            |
| bs-0061R | Anti-Actin   | 30248444  | 6.02         | WB           | Human            |

**Yang et al. K.Optofluidic twin-core hollow fiber interferometer for label-free sensing of the streptavidin-biotin binding. (2018) Sensors and Actuators B-Chemical.**

| Skus   | Product Name | DOI               | Journal_tier | Applications         | Cross Reactivity |
|--------|--------------|-------------------|--------------|----------------------|------------------|
| C-0084 | Biotin       | 10.1063/1.3212667 | 5.67         | Fiber interferometer |                  |

**Zhao et al. Long noncoding RNA NSCLCAT1 increases non-small cell lung cancer cell invasion and migration through the Hippo signaling pathway by interacting with CDH1.(2018)FASEB J. Aug 27**

| Skus       | Product Name | Pubmed id | Journal_tier | Applications | Cross Reactivity |
|------------|--------------|-----------|--------------|--------------|------------------|
| bsm-33223M | Anti-CDH1    | 30148675  | 5.60         | IHC          | Human            |

**Du et al. MicroRNA-351-5p mediates skeletal myogenesis by directly targeting lactamase- $\beta$  and is regulated by lnc-mg.(2018) FASEB J. Sep 14**

| Skus     | Product Name | Pubmed id | Journal_tier | Applications | Cross Reactivity |
|----------|--------------|-----------|--------------|--------------|------------------|
| bs-0259R | Anti-MyHC    | 30216112  | 5.60         | ICC          | Mouse            |

**Liu et al. MicroRNA-493 targets STMN-1 and promotes hypoxia-induced epithelial cell cycle arrest in G/M and renal fibrosis. (2018) FASEB J. Sep 05**

| Skus     | Product Name                      | Pubmed id | Journal_tier | Applications | Cross Reactivity |
|----------|-----------------------------------|-----------|--------------|--------------|------------------|
| bs-0061R | Anti-GALNT1                       | 30183377  | 5.60         | WB           | Mouse            |
| bs-0737R | hypoxia-inducible factor (HIF)-1a | 30183377  | 5.60         | WB           | Mouse            |

**Huang et al. Ophiopogonin D Reduces Myocardial Ischemia-Reperfusion Injury via Upregulating CYP2J3/EETs in Rats.(2018) Cellular Physiology and Biochemistry.49(4):1646-1658.**

| Skus     | Product Name | Pubmed id | Journal_tier | Applications | Cross Reactivity |
|----------|--------------|-----------|--------------|--------------|------------------|
| bs-2123R | Anti-CYP2J3  | 30227401  | 5.50         | WB           | Rat              |

**Zhong et al. Ganoderma Lucidum Polysaccharide Peptide Alleviates Hepatosteatosis via Modulating Bile Acid Metabolism Dependent on FXR-SHP/FGF. (2018) Cellular Physiology and Biochemistry, 49(3):1163-1179.**

| Skus     | Product Name | Pubmed id | Journal_tier | Applications | Cross Reactivity |
|----------|--------------|-----------|--------------|--------------|------------------|
| bs-2399R | Anti-CYP7A1  | 30196282  | 5.50         | WB           | Mouse            |

**Song et al. Adipocyte-Derived Exosomes Carrying Sonic Hedgehog Mediate M1 Macrophage Polarization-Induced Insulin Resistance via Ptc and PI3K Pathways. (2018) Cell.Physiol.Biochem. 48:1416-1432**

| Skus     | Product Name        | Pubmed id | Journal_tier | Applications | Cross Reactivity |
|----------|---------------------|-----------|--------------|--------------|------------------|
| bs-1544R | Anti- Shh-FITC      | 30064125  | 5.50         | FCM          | Human            |
| bs-0471R | Anti-Adiponectin/PE | 30064125  | 5.50         | FCM          | Human            |

**Seidl et al. CRISPR-Cas9 targeting of MMP13 in human chondrocytes leads to significantly reduced levels of the metalloproteinase and enhanced type II collagen accumulation.Osteoarthr. Cartil.S1063-4584(18)31458-4.**

| Skus           | Product Name     | Pubmed id | Journal_tier | Applications | Cross Reactivity |
|----------------|------------------|-----------|--------------|--------------|------------------|
| bs-10589R-A488 | Anti-Collagen II | 30223022  | 5.45         | IF           | Human            |

**Qiang et al. A new nanoscale transdermal drug delivery system: oil body-linked oleosin-hEGF improves skin regeneration to accelerate wound healing. (2018) J.Nanobiotechnology. 16:62**

| Skus     | Product Name | Pubmed id | Journal_tier | Applications | Cross Reactivity |
|----------|--------------|-----------|--------------|--------------|------------------|
| bs-4572R | Anti-VEGF    | 30165861  | 5.29         | IHC          | Rat              |
| bs-0195R | Anti-CD31    | 30165861  | 5.29         | IF           | Mouse            |
| bs-0086R | Anti-TGF-β1  | 30165861  | 5.29         | IHC          | Rat              |
| bs-4568R | Anti-hEGF    | 30165861  | 5.29         | IHC          | Mouse            |
| bs-0061R | Anti-β-actin | 30165861  | 5.29         | IHC          | Rat              |

**Jia et al. Elimination terminal fixed region screening and high-throughput kinetic determination of aptamer for lipocalin-1 by surface plasmon resonance imaging, (2018) Analytica Chimica Acta**

| Skus      | Product Name        | DOI                       | Journal_tier | Applications | Cross Reactivity |
|-----------|---------------------|---------------------------|--------------|--------------|------------------|
| bs-0296G  | Goat anti mouse IgG | 10.1016/j.aca.2018.09.018 | 5.12         | SPRi chip    |                  |
| bs-11286R | Anti-LCN-1          | 10.1016/j.aca.2018.09.018 | 5.12         | SPRi chip    |                  |
| bs-0296P  | Mouse IgG           | 10.1016/j.aca.2018.09.018 | 5.12         | SPRi chip    |                  |

**Asally et al.The Expression and Cellular Localisation of Neurotrophin and Neural Guidance Molecules in Peritoneal Ectopic Lesions.Mol Neurobiol. 2018 Sep 25**

| Skus     | Product Name   | Pubmed id | Journal_tier | Applications | Cross Reactivity |
|----------|----------------|-----------|--------------|--------------|------------------|
| bs-1518R | Anti-Persephin | 30251099  | 5.08         | IHC          | Rat              |

**Yang et al. Pkcδ Activation is Involved in ROS-Mediated Mitochondrial Dysfunction and Apoptosis in Cardiomyocytes Exposed to Advanced Glycation End Products (Ages). (2018) Aging.Dis. 9:647-663**

| Skus     | Product Name               | Pubmed id | Journal_tier | Applications | Cross Reactivity |
|----------|----------------------------|-----------|--------------|--------------|------------------|
| bs-3727R | Anti-Phospho-PKCδ T505/507 | 30090653  | 5.06         | IF&IHC&WB    | Rat              |

**Ye et al. The 19q13 KRAB Zinc-finger protein ZFP82 suppresses the growth and invasion of esophageal carcinoma cells through inhibiting NF-κB transcription and inducing apoptosis.(2018)Epigenomics. Sep 13**

| Skus       | Product Name | Pubmed id | Journal_tier | Applications | Cross Reactivity |
|------------|--------------|-----------|--------------|--------------|------------------|
| bsm-51010M | Anti-GAPDH   | 30211622  | 4.98         | WB           | Human            |

**Frudinger et al.Skeletal muscle-derived cell implantation for the treatment of sphincter-related faecal incontinence.(2018) Stem Cell Res Ther. Sep 13;9(1):233.**

| Skus     | Product Name | Pubmed id | Journal_tier | Applications | Cross Reactivity |
|----------|--------------|-----------|--------------|--------------|------------------|
| bs-2413R | Anti-Pax-7   | 30213273  | 4.96         | FCM          | Human            |

**Xu et al. The Antidepressant-Like Effect of Vanillin Aroma Involves Serum Magnesium and Brain BDNF. (2018)Neuropsychiatry (London) Volume 8, Issue 4**

| Skus     | Product Name | Online  | Journal_tier | Applications | Cross Reactivity |
|----------|--------------|---|--------------|--------------|------------------|
| bs-4989R | Anti-BDNF    | <a href="http://www.jneuropsychiatry.org">http://www.jneuropsychiatry.org</a> | 4.77         | IHC          | Rat              |

**Mödinger et al. C5aR1 interacts with TLR2 in osteoblasts and stimulates the osteoclast-inducing chemokine CXCL10. J Cell Mol Med. 2018 Sep 24.**

| Skus     | Product Name | Pubmed id | Journal_tier | Applications | Cross Reactivity |
|----------|--------------|-----------|--------------|--------------|------------------|
| bs-1019R | Anti-TLR2    | 30247799  | 4.30         | WB&IF        | Mouse            |

**Yang et al. Adaptonitrile, a New Dipeptidyl Peptidase-IV Inhibitor, Ameliorates Diabetic Neuronal Injury Through Inhibiting Mitochondria-Related Oxidative Stress and Apoptosis. (2018) Front.Cell.Neurosci. 12:214**

| Skus | Product Name | Pubmed id | Journal_tier | Applications | Cross Reactivity |
|------|--------------|-----------|--------------|--------------|------------------|
|------|--------------|-----------|--------------|--------------|------------------|

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|--|------------------------------|------------------|---------------------|--|-------------------------|
| bs-1559R   | Anti-GLP-1R                  | 30072873         | 4.30                | WB                                     | Rat                     |
| <b>Zhu et al. SUMOylation of Alpha-Synuclein Influences on Alpha-Synuclein Aggregation Induced by Methamphetamine. (2018) Front.Cell.Neurosci. 12:262</b>  |                              |                  |                     |  |                         |
| <b>Sku</b>   | <b>Product Name</b>          | <b>Pubmed id</b> | <b>Journal_tier</b> | <b>Applications</b>                    | <b>Cross Reactivity</b> |
| bs-0295G-FITC  | Goat anti-rabbit IgG/FITC    | 30197588         | 4.30                | IF                                     | Human                   |
| <b>Zoratto et al. Intranasal oxytocin administration promotes emotional contagion and reduces aggression in a mouse model of callousness. (2018) Neuropharmacology.Sep 10;143:250-267.</b>                                   |                              |                  |                     |  |                         |
| <b>Sku</b>   | <b>Product Name</b>          | <b>Pubmed id</b> | <b>Journal_tier</b> | <b>Applications</b>                    | <b>Cross Reactivity</b> |
| bs-1314R   | Anti-Oxytocin R              | 30213592         | 4.25                | IHC                                    | Mouse                   |
| bs-0382R   | Anti-CRF                     | 30213592         | 4.25                | IHC                                    | Mouse                   |
| bs-0252R   | Anti-Glucocorticoid receptor | 30213592         | 4.25                | IHC                                    | Mouse                   |
| <b>Takashina et al. Sodium Citrate Increases Expression and Flux of Mg Transport Carriers Mediated by Activation of MEK/ERK/c-Fos Pathway in Renal Tubular Epithelial Cells.(2018) Nutrients. Sep 20 ;10(10)</b>             |                              |                  |                     |  |                         |
| <b>Sku</b>   | <b>Product Name</b>          | <b>Pubmed id</b> | <b>Journal_tier</b> | <b>Applications</b>                    | <b>Cross Reactivity</b> |
| bs-4801R   | Anti-Salmonella typhimurium  | 30241394         | 4.20                | immunogold filtration test             | salmonella typhimurium  |
| <b>Kang et al. Chrysin Ameliorates Malfunction of Retinoid Visual Cycle through Blocking Activation of AGE-RAGE-ER Stress in Glucose-Stimulated Retinal Pigment Epithelial Cells and Diabetic Eyes. (2018) Nutrients. 10</b> |                              |                  |                     |  |                         |
| <b>Sku</b>   | <b>Product Name</b>          | <b>Pubmed id</b> | <b>Journal_tier</b> | <b>Applications</b>                    | <b>Cross Reactivity</b> |
| bs-12351R  | Anti-STRA6                   | 30096827         | 4.20                | WB                                     | Mouse                   |
| <b>Youssef et al. Evidence supporting oxidative stress in a moderately affected area of the brain in Alzheimer's disease. (2018) Sci.Rep. 8:11553</b>  |                              |                  |                     |  |                         |
| <b>Sku</b>   | <b>Product Name</b>          | <b>Pubmed id</b> | <b>Journal_tier</b> | <b>Applications</b>                    | <b>Cross Reactivity</b> |
| bs-6313R   | Anti-4-HNE                   | 30068908         | 4.12                | IHC                                    | Human                   |
| <b>Hayes et al. Commensal microbiota induces colonic barrier structure and functions that contribute to homeostasis. (2018)Scientific Reports, 8(1).</b>   |                              |                  |                     |  |                         |
| <b>Sku</b>   | <b>Product Name</b>          | <b>Pubmed id</b> | <b>Journal_tier</b> | <b>Applications</b>                    | <b>Cross Reactivity</b> |
| bs-1495R   | Anti-occludin                | 30242285         | 4.12                | IF                                     | Mouse                   |
| <b>Businaro et al. Platelet Lysate-Derived Neuropeptide <math>\gamma</math> Influences Migration and Angiogenesis of Human Adipose Tissue-Derived Stromal Cells. (2018) Sci.Rep. 8:14365</b>                                 |                              |                  |                     |  |                         |
| <b>Sku</b>   | <b>Product Name</b>          | <b>Pubmed id</b> | <b>Journal_tier</b> | <b>Applications</b>                    | <b>Cross Reactivity</b> |
| bs-1070R   | Anti-Y1                      | 30254326         | 4.12                | IF&WB                                  | Human                   |
| bs-0937R   | Anti-Y2                      | 30254326         | 4.12                | IF&WB                                  | Human                   |
| <b>Cheng et al. Surface functionalization of polytetrafluoroethylene substrate with hybrid processes comprising plasma treatment and chemical reactions.(2018)Colloids Surf B Biointerfaces.Sep 21;173:77-84</b>             |                              |                  |                     |  |                         |
| <b>Sku</b>   | <b>Product Name</b>          | <b>Pubmed id</b> | <b>Journal_tier</b> | <b>Applications</b>                    | <b>Cross Reactivity</b> |
| bs-10361R  | Anti-Bovine Fibrinogen       | 30267957         | 4.00                | gold colloidlabeled immunoassay method | Bovine                  |
| <b>Zhang et al. The phosphorylation of Tudor-SN mediated by JNK is involved in the regulation of milk protein synthesis induced by prolactin in BMECs. (2018) J. Cell. Physiol. Sep 06</b>                                   |                              |                  |                     |  |                         |
| <b>Sku</b>   | <b>Product Name</b>          | <b>Pubmed id</b> | <b>Journal_tier</b> | <b>Applications</b>                    | <b>Cross Reactivity</b> |
| bs-0813R   | Anti-Casein                  | 30187485         | 3.92                | WB                                     | Human                   |
| <b>Fang et al. KRT1 gene silencing ameliorates myocardial ischemia-reperfusion injury via the activation of the Notch signaling pathway in mouse models.(2018) J. Cell. Physiol. Sep 07</b>                                  |                              |                  |                     |  |                         |
| <b>Sku</b>   | <b>Product Name</b>          | <b>Pubmed id</b> | <b>Journal_tier</b> | <b>Applications</b>                    | <b>Cross Reactivity</b> |
| 998068W  | Anti-KRT1                    | 30191968         | 3.92                | IHC                                    | Mouse                   |
| <b>Ramirez-Garcia-Luna et al. Defective bone repair in diclofenac treated C57Bl6 mice with and without lipopolysaccharide induced systemic inflammation.(2018)J. Cell. Physiol. Sep 07</b>                                   |                              |                  |                     |  |                         |
| <b>Sku</b>   | <b>Product Name</b>          | <b>Pubmed id</b> | <b>Journal_tier</b> | <b>Applications</b>                    | <b>Cross Reactivity</b> |
| bs-0672R   | Anti-CD117                   | 30191966         | 3.92                | IHC                                    | Mouse                   |
| <b>Sun et al. Modified apple polysaccharide influences MUC-1 expression to prevent ICR mice from colitis-associated carcinogenesis.Int. J. Biol. Macromol. 2018 Sep 25 ;120(Pt B)</b>  |                              |                  |                     |  |                         |
| <b>Sku</b>   | <b>Product Name</b>          | <b>Pubmed id</b> | <b>Journal_tier</b> | <b>Applications</b>                    | <b>Cross Reactivity</b> |
| bsm-51126M   | Anti-MUC1/FITC               | 30266641         | 3.91                | ELISA                                  | Mouse                   |
| <b>Wang et al. Sarcodon imbricatus polysaccharides protect against cyclophosphamide-induced immunosuppression via regulating Nrf2-mediated oxidative stress.(2018) Int. J. Biol. Macromol.Dec;120(Pt A):736-744.</b>         |                              |                  |                     |  |                         |
| <b>Sku</b>   | <b>Product Name</b>          | <b>Pubmed id</b> | <b>Journal_tier</b> | <b>Applications</b>                    | <b>Cross Reactivity</b> |
| bs-2184R   | Anti-NQO1                    | 30171947         | 3.91                | WB                                     | Mouse                   |
| <b>Ativie et al. Cannabinoid 1 Receptor Signaling on Hippocampal GABAergic Neurons Influences Microglial Activity. (2018) Front.Mol.Neurosci. 11:295</b>   |                              |                  |                     |  |                         |
| <b>Sku</b>   | <b>Product Name</b>          | <b>Pubmed id</b> | <b>Journal_tier</b> | <b>Applications</b>                    | <b>Cross Reactivity</b> |
| bs-6030R   | Anti-CD200                   | 30210289         | 3.90                | WB                                     | Mouse                   |

**Kermarrec et al. Rat enteric glial cells express novel isoforms of Interleukine-7 regulated during inflammation.(2018) Neurogastroenterology & Motility, Sep 21:e13467.**

| Skus     | Product Name | Pubmed id | Journal_tier | Applications | Cross Reactivity |
|----------|--------------|-----------|--------------|--------------|------------------|
| bs-1811R | Anti-IL-7    | 30240048  | 3.84         | IF           | Rat              |

**Almiñana et al. Deciphering the oviductal extracellular vesicles content across the estrous cycle: implications for the gametes-oviduct interactions and the environment of the potential embryo. (2018) BMC.Genomics. 19:622**

| Skus     | Product Name | Pubmed id | Journal_tier | Applications | Cross Reactivity |
|----------|--------------|-----------|--------------|--------------|------------------|
| bs-5117R | Anti-HSPA8   | 30134841  | 3.73         | WB           | EVs              |

**Kopecki et al. Recombinant Leucine-Rich Repeat Flightless-Interacting Protein-1 Improves Healing of Acute Wounds through Its Effects on Proliferation Inflammation and Collagen Deposition. (2018) Int.J.Mol.Sci. 19**

| Skus      | Product Name | Pubmed id | Journal_tier | Applications | Cross Reactivity |
|-----------|--------------|-----------|--------------|--------------|------------------|
| bs-12439R | LRRFIP-1     | 29996558  | 3.69         | IHC          | Mouse            |

**Zhang et al. Age-Related Changes in MicroRNA in the Rat Pituitary and Potential Role in GH Regulation. (2018) Int.J.Mol.Sci. 19**

| Skus       | Product Name | Pubmed id | Journal_tier | Applications | Cross Reactivity |
|------------|--------------|-----------|--------------|--------------|------------------|
| bs-0295G   | rabbit IgG   | 30011963  | 3.69         | WB           | Rat              |
| bs-0296G   | mouse IgG    | 30011963  | 3.69         | WB           | Rat              |
| bsm-33139M | Anti-β-actin | 30011963  | 3.69         | WB           | Rat              |

**Khalkar et al. Novel Methylselenoesters Induce Programed Cell Death via Entosis in Pancreatic Cancer Cells. . (2018) Int J Mol Sci; Sep 20;19(10)**

| Skus     | Product Name   | Pubmed id | Journal_tier | Applications | Cross Reactivity |
|----------|----------------|-----------|--------------|--------------|------------------|
| bs-0049R | Anti-Caspase 9 | 30241340  | 3.68         | WB           |                  |

**Lu et al. Anti-renal fibrosis effect of asperulosidic acid via TGF-β1/smad2/smard3 and NF-κB signaling pathways in a rat model of unilateral ureteral obstruction. Phytomedicine (2018)**

| Skus       | Product Name | DOI                          | Journal_tier | Applications | Cross Reactivity |
|------------|--------------|------------------------------|--------------|--------------|------------------|
| bsm-33187M | Anti-α-SMA   | 10.1016/j.phymed.2018.09.009 | 3.61         | IHC          | Human            |

**Tan et al. Curcumin relieved cisplatin-induced kidney inflammation through inhibiting Mincle-maintained M1 macrophage phenotype. Phytomedicine. (2018) Phytomedicine**

| Skus        | Product Name | DOI                          | Journal_tier | Applications | Cross Reactivity |
|-------------|--------------|------------------------------|--------------|--------------|------------------|
| bs-2664R-PE | Anti-CD206   | 10.1016/j.phymed.2018.09.210 | 3.61         | FCM          |                  |

**Zhang et al. Icaritin Provokes Serum Thrombopoietin and Downregulates Thrombopoietin/MPL of the Bone Marrow in a Mouse Model of Immune Thrombocytopenia. (2018). Mediators of Inflammation, Aug 27;2018:7235639**

| Skus      | Product Name | Pubmed id | Journal_tier | Applications | Cross Reactivity |
|-----------|--------------|-----------|--------------|--------------|------------------|
| bs-11311R | Anti-MPL     | 30224899  | 3.55         | IHC          | Mouse            |

**Zhao et al. Biochanin a Enhances the Defense Against Salmonella enterica Infection Through AMPK/ULK1/mTOR-Mediated Autophagy and Extracellular Traps and Reversing SPI-1-Dependent Macrophage (MΦ) M2 Polarization. (2018) Front.Cell.Infect.Microbiol. 8:318**

| Skus     | Product Name | Pubmed id | Journal_tier | Applications | Cross Reactivity |
|----------|--------------|-----------|--------------|--------------|------------------|
| bs-1035R | Anti-CD86/PE | 30271755  | 3.52         | FCM          | Mouse            |

**Zhang et al. The Dipeptide Pro-Gly Promotes IGF-1 Expression and Secretion in HepG2 and Female Mice via PepT1-JAK2/STAT5 Pathway. (2018) Front.Endocrinol.(Lausanne). 9:424**

| Skus          | Product Name                      | Pubmed id | Journal_tier | Applications | Cross Reactivity |
|---------------|-----------------------------------|-----------|--------------|--------------|------------------|
| bs-4511R      | Anti-β-tubulin                    | 30140255  | 3.52         | WB           | Mouse            |
| bs-0061R      | Anti-β-actin                      | 30140255  | 3.52         | WB           | Mouse            |
| bs-2485R      | ti-4hosphor-JAK2 (Tyr1007/Tyr100) | 30140255  | 3.52         | WB           | Mouse            |
| bs-0295G-FITC | Goat Anti-rabbit IgG/FITC         | 30140255  | 3.52         | WB           | Mouse            |

**Che et al. Wnt5a contributes to dectin-1 and LOX-1 induced host inflammatory response signature in Aspergillus fumigatus keratitis.(2018) Cell. Signal.Dec;52:103-111.**

| Skus          | Product Name              | Pubmed id | Journal_tier | Applications | Cross Reactivity |
|---------------|---------------------------|-----------|--------------|--------------|------------------|
| bs-0295G-FITC | Goat Anti-rabbit IgG/FITC | 30172652  | 3.49         | IF           | Rabbit           |

**Zhang et al. MicroRNA-143a-3p modulates preadipocyte proliferation and differentiation by targeting MAPK7. Biomedicine & Pharmacotherapy, 108, 531–539.**

| Skus       | Product Name | Pubmed id | Journal_tier | Applications | Cross Reactivity |
|------------|--------------|-----------|--------------|--------------|------------------|
| bsm-33036M | Anti-β-actin | 30243086  | 3.46         | WB           | Mouse            |
| bs-20398R  | Anti-HIF-1a  | 30243086  | 3.46         | WB           | Mouse            |

**Ye et al. CXCR1/CXCR2 antagonist G31P inhibits nephritis in a mouse model of uric acid nephropathy.(2018) BIOMED PHARMACOTHER**

| Skus     | Product Name             | Pubmed id | Journal_tier | Applications | Cross Reactivity |
|----------|--------------------------|-----------|--------------|--------------|------------------|
| bs-6982R | Anti-neutrophil elastase | 30257327  | 3.46         | IHC          | Mouse            |

**Lu et al. Protective effects of Danzhi jiangtang capsule on vascular endothelial damages induced by high-fat diet and palmitic acid. (2018) Biomedicine & Pharmacotherapy, 107, 1631–1640.**

| Skus   | Product Name              | Pubmed id                      | Journal_tier | Applications | Cross Reactivity |
|--|---------------------------|--------------------------------|--------------|--------------|------------------|
| bs-8680R   | Anti-IRE1 $\alpha$        | 30257381                       | 3.46         | WB           | Rat              |
| <b>Xia et al. Mulberrin (Mul) reduces spinal cord injury (SCI)-induced apoptosis, inflammation and oxidative stress in rats via miRNA-337 by targeting Nrf-2. (2018) Biomedicine &amp; Pharmacotherapy, 107, 1480–1487.</b>  |                           |                                |              |              |                  |
| bs-0296R-HRP   | Rabbit Anti-mouse IgG/HRP | 30257365                       | 3.46         | WB           | Rat              |
| <b>Anandam et al. Effect of the pro-inflammatory cytokine TNF-<math>\alpha</math> on intestinal riboflavin uptake: Inhibition mediated via transcriptional mechanism(s). (2018) American Journal of Physiology-Cell Physiology.</b>                                |                           |                                |              |              |                  |
| bs-4164R   | Anti-RFVT-3               | 30156861                       | 3.45         | WB           | Mouse            |
| <b>Xu et al. Diet-Induced Obesity Affects Muscle Regeneration After Murine Blunt Muscle Trauma-A Broad Spectrum Analysis. (2018) Front.Physiol. 9:674</b>  |                           |                                |              |              |                  |
| bs-2955R   | Anti-C3ar                 | 29922174                       | 3.39         | IHC          | Mouse            |
| <b>Das et al. Kaempferol inhibits extra-synaptic NMDAR mediated downregulation of TRK<math>\beta</math> in rat hippocampus during hypoxia. (2018) Neuroscience.Sep 26;392:77-91.</b>   |                           |                                |              |              |                  |
| bs-4662R   | Anti-phospho-E47          | 30266684                       | 3.38         | WB           | Rat              |
| <b>Yin et al. NLRP3 in human glioma is correlated with increased WHO grade, and regulates cellular proliferation, apoptosis and metastasis via epithelial-mesenchymal transition and the PTEN/AKT signaling pathway. (2018) Int.J.Oncol. 53:973-986</b>            |                           |                                |              |              |                  |
| bs-0295G-HRP   | Goat Anti-rabbit IgG/HRP  | 30015880                       | 3.33         | WB           | Human            |
| bs-0296G-HRP   | Goat Anti-Mouse IgG/HRP   | 30015880                       | 3.33         | WB           | Human            |
| <b>Tanaka et al. Effects of combined treatment with blood flow restriction and low intensity electrical stimulation on diabetes mellitus-associated muscle atrophy in rats.J Diabetes. (2018) Sep 18</b>   |                           |                                |              |              |                  |
| bs-1158R   | Anti-AGEs                 | 30225988                       | 3.21         | WB           | Calf             |
| <b>Liu et al. Dexmedetomidine alleviates cerebral ischemia-reperfusion injury by inhibiting endoplasmic reticulum stress dependent apoptosis through the PERK-CHOP Caspase-11 pathway.(2018) Brain Research</b>  |                           |                                |              |              |                  |
| bs-3330R   | Anti-p-PERK               | 10.1016/j.brainres.2018.09.007 | 3.13         | WB           | Rat              |
| <b>Li et al. Aromatic-turmerone ameliorates imiquimod-induced psoriasis-like inflammation of BALB/c mice. (2018) International Immunopharmacology,Nov;64:319-325.</b>  |                           |                                |              |              |                  |
| bs-0061R   | Anti- $\beta$ -Actin      | 30243067                       | 3.12         | WB           | Mouse            |
| <b>Zhen et al. Bu Yang Huan Wu Decoction prevents reperfusion injury following ischemic stroke in rats via inhibition of HIF-1 <math>\alpha</math>, VEGF and promotion <math>\beta</math>-ENaC expression (2018)Journal of Ethnopharmacology Sep 13;228:70-81.</b> |                           |                                |              |              |                  |
| bs-0295G-HRP   | Goat Anti-rabbit IgG/HRP  | 30218809                       | 3.12         | WB           | Rat              |
| bs-1313R   | Anti-VEGF                 | 30218809                       | 3.12         | WB           | Rat              |
| bs-0737R   | Anti-HIF-1 $\alpha$       | 30218809                       | 3.12         | WB           | Rat              |
| bs-2957R   | Anti- $\beta$ -ENaC       | 30218809                       | 3.12         | WB           | Rat              |
| <b>Graubner et al. Uterine and placental distribution of selected extracellular matrix (ECM) components in the dog. (2018) Reproduction. 155:403-421</b>   |                           |                                |              |              |                  |
| bs-8561R   | Anti-LAMA2                | 29439094                       | 3.09         | IHC          | bitches          |
| <b>Zhao et al. Anticancer effects of plant derived Anacardic acid on human breast cancer MDA-MB-231 cells.(2018) Am J Transl Res.Aug 15;10(8):2424-2434.</b>   |                           |                                |              |              |                  |
| bs-0397R   | Anti-MMP-9                | 30210681                       | 3.06         | WB           | Human            |
| <b>Fang et al. pre-B cell colony enhancing factor negatively regulates Na<sup>+</sup> and fluid transport in lung epithelial cells. (2018) Am.J.Transl.Res. 10:2047-2054</b>   |                           |                                |              |              |                  |
| bs-2957R   | Anti-ENaC                 | 30093942                       | 3.06         | WB           | Rat              |
| bs-10265R  | Anti-SP                   | 30093942                       | 3.06         | WB           | Rat              |
| bs-10265R  | Anti-SFTPA1               | 30093942                       | 3.06         | IF&WB        | Rat              |
| <b>Oyagbemi et al. Quercetin attenuates hypertension induced by sodium fluoride via reduction in oxidative stress and modulation of HSP 70/ERK/PPAR<math>\gamma</math> signaling pathways. (2018) Sep 01</b>   |                           |                                |              |              |                  |
| bs-0244R   | Anti-HSP70                | 30171731                       | 3.04         | IHC          | Rat              |
| bs-0637R   | Anti-p38                  | 30171731                       | 3.04         | IHC          | Rat              |

|          |                    |          |      |     |     |
|----------|--------------------|----------|------|-----|-----|
| bs-1020R | Anti-ERK           | 30171731 | 3.04 | IHC | Rat |
| bs-0530R | Anti-PPAR $\gamma$ | 30171731 | 3.04 | IHC | Rat |

**Xu et al. SB225002 inhibits prostate cancer invasion and attenuates the expression of BSP, OPN and MMP- 2. (2018) Oncol.Rep. 40:726-736**

| Skus     | Product Name               | Pubmed id | Journal_tier | Applications | Cross Reactivity |
|----------|----------------------------|-----------|--------------|--------------|------------------|
| bs-1310R | Anti- $\alpha$ v $\beta$ 3 | 29917166  | 2.98         | IHC          | Mouse            |
| bs-6417R | Anti-p-PI3K                | 29917166  | 2.98         | IHC          | Mouse            |

**Song et al. Moxidectin inhibits glioma cell viability by inducing G0/G1 cell cycle arrest and apoptosis. (2018) Oncol.Rep. 40:1348-1358**

| Skus     | Product Name   | Pubmed id | Journal_tier | Applications | Cross Reactivity |
|----------|----------------|-----------|--------------|--------------|------------------|
| bs-0049R | Anti-caspase-9 | 30015956  | 2.98         | WB&IHC       | Rat&Human        |
| bs-0081R | Anti-caspase-3 | 30015956  | 2.98         | WB&IHC       | Rat&Human        |

**Meng et al. Effects of RNA interference-mediated E-selectin gene silencing on cell adhesion molecule expression and cell-cell adhesion in vascular endothelial cells in mice with immunologic contact urticaria.(2018) Journal of Cellular Biochemistry. Sep 11**

| Skus      | Product Name | Pubmed id | Journal_tier | Applications | Cross Reactivity |
|-----------|--------------|-----------|--------------|--------------|------------------|
| C02-04001 | DAB          | 30206961  | 2.96         | IHC          | Mouse            |

**Song et al. Ivermectin inhibits the growth of glioma cells by inducing cell cycle arrest and apoptosis in vitro and in vivo. (2018) Journal of Cellular Biochemistry.**

| Skus     | Product Name   | DOI               | Journal_tier | Applications | Cross Reactivity |
|----------|----------------|-------------------|--------------|--------------|------------------|
| bs-0081R | Anti-Caspase-3 | 10.1002/jcb.27420 | 2.96         | WB           | Rat              |
| bs-0049R | Anti-Caspase-9 | 10.1002/jcb.27420 | 2.96         | WB           | Rat              |

**Deng et al. The regulatory roles of VEGF-Notch signaling pathway on aplastic anemia with kidney deficiency and blood stasis. (2018) Journal of Cellular Biochemistry.**

| Skus     | Product Name | Pubmed id | Journal_tier | Applications | Cross Reactivity |
|----------|--------------|-----------|--------------|--------------|------------------|
| bs-1448R | Anti-Jagged1 | 30230583  | 2.96         | WB           | Human            |

**Dou et al. The Riemerella anatipestifer M949\_RS01035 gene is involved in bacterial lipopolysaccharide biosynthesis. Vet. Res. (2018) Sep 17 ;49(1)**

| Skus     | Product Name    | Pubmed id | Journal_tier | Applications | Cross Reactivity |
|----------|-----------------|-----------|--------------|--------------|------------------|
| bs-2616R | Anti-IL18R Beta | 30223890  | 2.90         | IP&WB        | Human            |

**Li et al. Rosiglitazone Elicits an Adiponectin-Mediated Insulin-Sensitizing Action at the Adipose Tissue-Liver Axis in Otsuka Long-Evans Tokushima Fatty Rats. (2018) Journal of Diabetes Research, 2018, 1–12.**

| Skus | Product Name | Pubmed id | Journal_tier | Applications | Cross Reactivity |
|------|--------------|-----------|--------------|--------------|------------------|
|      | ADNR-2       | 30225267  | 2.89         | WB           | Rat              |
|      | ADNR-1       | 30225267  | 2.89         | WB           | Rat              |

**Huang et al. A novel TRAIL mutant-TRAIL-Mu3 enhances the antitumor effects by the increased affinity and the up-expression of DR5 in pancreatic cancer. (2018).Cancer Chemotherapy and Pharmacology. Nov;82(5):829-838.**

| Skus     | Product Name         | Pubmed id | Journal_tier | Applications | Cross Reactivity |
|----------|----------------------|-----------|--------------|--------------|------------------|
| bs-0061R | Anti- $\beta$ -Actin | 30167846  | 2.81         | WB           | Human            |

**Zhang et al. Sphingomyelin synthase 2 promotes H2O2-induced endothelial dysfunction by activating the Wnt/ $\beta$ -catenin signaling pathway. (2018) Int J Mol Med. 2018 Sep 19.**

| Skus     | Product Name | Pubmed id | Journal_tier | Applications | Cross Reactivity |
|----------|--------------|-----------|--------------|--------------|------------------|
| bs-0032R | Anti-Bcl-2   | 30272329  | 2.78         | WB           | Human            |
| bs-0608R | Anti-ICAM-1  | 30272329  | 2.78         | WB           | Human            |
| bs-0920R | Anti-VCAM-1  | 30272329  | 2.78         | WB           | Human            |
| bs-1101R | Anti-MCP-1   | 30272329  | 2.78         | WB           | Human            |

**Liu et al. Ghrelin protects the myocardium with hypoxia/reoxygenation treatment through upregulating the expression of growth hormone, growth hormone secretagogue receptor and insulin-like growth factor-1, and promoting the phosphorylation of protein kinase B. Int. J. Mol. Med. Sep 18**

| Skus      | Product Name                       | Pubmed id | Journal_tier | Applications | Cross Reactivity |
|-----------|------------------------------------|-----------|--------------|--------------|------------------|
| bs-0467R  | Anti-GH                            | 30272367  | 2.78         | IHC          | Rat              |
| bs-11529R | Anti-GHSR                          | 30272367  | 2.78         | IHC          | Rat              |
| bs-0227R  | Anti-IGF-1                         | 30272367  | 2.78         | IHC          | Rat              |
| bs-0115R  | Anti-Akt                           | 30272367  | 2.78         | WB           | Rat              |
| bs-10367R | Anti- $\alpha$ -sarcomeric actinin | 30272367  | 2.78         | IF           | Rat              |

**Mei et al. Pterostilbene inhibits nutrient metabolism and induces apoptosis through AMPK activation in multiple myeloma cells.(2018)Int. J. Mol. Med.Nov;42(5):2676-2688.**

| Skus     | Product Name | Pubmed id | Journal_tier | Applications | Cross Reactivity |
|----------|--------------|-----------|--------------|--------------|------------------|
| bs-3494R | Anti-p-mTOR  | 30226553  | 2.78         | IHC          | Mouse            |

**Xu et al. Inhibition of lysyl oxidase expression by dextran sulfate affects invasion and migration of gastric cancer cells.(2018) Int J Mol Med. Nov;42(5):2737-2749.**

| Skus | Product Name | Pubmed id | Journal_tier | Applications | Cross Reactivity |
|------|--------------|-----------|--------------|--------------|------------------|
|------|--------------|-----------|--------------|--------------|------------------|

|   |                               |                              |                     |                     |                         |
|---|-------------------------------|------------------------------|---------------------|---------------------|-------------------------|
| C02-04002   | DAPI                          | 30226558                     | 2.78                | IF                  | Human                   |
| <b>Kim et al. Involvement of corin downregulation in ionizing radiation-induced senescence of myocardial cells. (2015) Int.J.Mol.Med. 35:731-8</b>  |                               |                              |                     |                     |                         |
| <b>Sku</b>  | <b>Product Name</b>           | <b>Pubmed id</b>             | <b>Journal_tier</b> | <b>Applications</b> | <b>Cross Reactivity</b> |
| bs-2207R  | Anti-BNP                      | 25543718                     | 2.78                | WB                  | Human                   |
| <b>Lai et al. Intestinal Pathology and Gut Microbiota Alterations in a Methyl-4-phenyl-1,2,3,6-tetrahydropyridine (MPTP) Mouse Model of Parkinson's Disease.(2018). Neurochemical Research.Oct;43(10):1986-1999.</b>                |                               |                              |                     |                     |                         |
| <b>Sku</b>  | <b>Product Name</b>           | <b>Pubmed id</b>             | <b>Journal_tier</b> | <b>Applications</b> | <b>Cross Reactivity</b> |
| bs-0061R  | Anti-β-Actin                  | 30171422                     | 2.77                | WB                  | Mouse                   |
| <b>Okada et al. Nanoscale imaging of the adhesion core including integrin β1 on intact living cells using scanning electron-assisted dielectric-impedance microscopy. (2018) PLOS ONE, 13(9), e0204133.</b>                         |                               |                              |                     |                     |                         |
| <b>Sku</b>  | <b>Product Name</b>           | <b>Pubmed id</b>             | <b>Journal_tier</b> | <b>Applications</b> | <b>Cross Reactivity</b> |
| bs-1571R  | Anti-F-actin                  | 30235285                     | 2.77                | IF&ICC              | Mouse                   |
| <b>Zhao et al. Chronic folate deficiency induces glucose and lipid metabolism disorders and subsequent cognitive dysfunction in mice. (2018) PLoS.One. 13:e0202910</b>  |                               |                              |                     |                     |                         |
| <b>Sku</b>  | <b>Product Name</b>           | <b>Pubmed id</b>             | <b>Journal_tier</b> | <b>Applications</b> | <b>Cross Reactivity</b> |
| bsm-33036M  | Anti-β-actin                  | 30153273                     | 2.77                | WB                  | Mouse                   |
| <b>Achiron et al. Prophylactic exposure of human corneal endothelial cells to Rho-associated kinase inhibitor reduced apoptosis rate after phacoemulsification: Ex vivo study.(2018) J Cataract Refract Surg. 44(10):1261-1266.</b> |                               |                              |                     |                     |                         |
| <b>Sku</b>  | <b>Product Name</b>           | <b>Pubmed id</b>             | <b>Journal_tier</b> | <b>Applications</b> | <b>Cross Reactivity</b> |
| bs-5676R  | Anti-ROCK/FITC                | 30172567                     | 2.68                | FACS                | Human                   |
| <b>Pauza et al. Alterations in enteric calcitonin gene-related peptide in patients with colonic diverticular disease. (2018) Autonomic Neuroscience.Sep 18. pii: S1566-0702(18)30176-0</b>  |                               |                              |                     |                     |                         |
| <b>Sku</b>  | <b>Product Name</b>           | <b>Pubmed id</b>             | <b>Journal_tier</b> | <b>Applications</b> | <b>Cross Reactivity</b> |
| bs-1567R  | Anti-RAMP1                    | 30274796                     | 2.61                | IF                  | Human                   |
| bs-1860R  | Anti-GRLR                     | 30274796                     | 2.61                | IF                  | Human                   |
| <b>Pan et al. SPECT/CT imaging of HER2 expression in colon cancer-bearing nude mice using 125I-Herceptin.(2018) FEMS Microbiol. Lett.Oct 12;504(4):765-770.</b>   |                               |                              |                     |                     |                         |
| <b>Sku</b>  | <b>Product Name</b>           | <b>Pubmed id</b>             | <b>Journal_tier</b> | <b>Applications</b> | <b>Cross Reactivity</b> |
| bsm-33051M  | Anti-HER2                     | 30217443                     | 2.56                | IF                  | Mouse                   |
| <b>Li et al. Cellular microRNA bta-miR-222 suppresses caprine parainfluenza virus type 3 replication via downregulation of interferon regulatory factor 2.(2018) Veterinary Microbiology. Oct;224:58-65</b>                         |                               |                              |                     |                     |                         |
| <b>Sku</b>  | <b>Product Name</b>           | <b>DOI</b>                   | <b>Journal_tier</b> | <b>Applications</b> | <b>Cross Reactivity</b> |
| bs-0295G-HRP  | Goat anti-rabbit IgG/HRP      | 10.1016/j.vetmic.2018.08.028 | 2.52                | WB                  | Bovine                  |
| bsm-33036M  | Anti-β-actin                  | 10.1016/j.vetmic.2018.08.028 | 2.52                | WB                  | Bovine                  |
| <b>Peng et al. Expression of Pref-1 and Related Chemokines during theDevelopment of Rat Mesenteric Lymph Nodes.(2018)Biomed Environ Sci.ul;31(7):507-514.</b>   |                               |                              |                     |                     |                         |
| <b>Sku</b>  | <b>Product Name</b>           | <b>Pubmed id</b>             | <b>Journal_tier</b> | <b>Applications</b> | <b>Cross Reactivity</b> |
| bs-2423R  | Anti-DLK1                     | 30145985                     | 2.52                | IHC                 | Rat                     |
| bs-1305R  | Anti-CCR7                     | 30145985                     | 2.52                | IHC                 | Rat                     |
| bs-1666R  | Anti-CCL21                    | 30145985                     | 2.52                | IHC                 | Rat                     |
| bs-4509R  | Anti-CXCL13/BCA1              | 30145985                     | 2.52                | IHC                 | Rat                     |
| bs-1011R  | Anti-CXCR4                    | 30145985                     | 2.52                | IHC                 | Rat                     |
| bs-0522R  | Anti-CD45                     | 30145985                     | 2.52                | IHC                 | Rat                     |
| <b>Yamaji et al. Maldevelopment of the submandibular gland in a mouse model of Apert syndrome. (2018) Dev Dyn. 2018 Sep 25.</b>   |                               |                              |                     |                     |                         |
| <b>Sku</b>  | <b>Product Name</b>           | <b>Pubmed id</b>             | <b>Journal_tier</b> | <b>Applications</b> | <b>Cross Reactivity</b> |
| bs-1255R  | Anti-FGF3                     | 30251381                     | 2.51                | IHC                 | Mouse                   |
| bs-1374R  | Anti-BMP4                     | 30251381                     | 2.51                | IHC                 | Mouse                   |
| <b>Lu et al. Immunological characteristics of Mycobacterium tuberculosis subunit vaccines immunized through different routes.(2018) Microb. Pathog.Sep 6;125:84-92.</b>   |                               |                              |                     |                     |                         |
| <b>Sku</b>  | <b>Product Name</b>           | <b>Pubmed id</b>             | <b>Journal_tier</b> | <b>Applications</b> | <b>Cross Reactivity</b> |
| bs-0358G-HRP  | Goat anti-guinea pigs IgG/HRP | 30195646                     | 2.33                | WB                  | mice and guinea pigs    |
| <b>Zhang et al. The role of TrkA in the promoting wounding-healing effect of CD271 on epidermal stem cells. (2018) Arch. Dermatol. Res.</b>   |                               |                              |                     |                     |                         |
| <b>Sku</b>  | <b>Product Name</b>           | <b>Pubmed id</b>             | <b>Journal_tier</b> | <b>Applications</b> | <b>Cross Reactivity</b> |
| bs-11182R   | Anti-EMR1/ F4/80              | 30209580                     | 2.15                | IHC                 | Mouse                   |
| <b>Ding et al. Inflammatory cytokines tumor necrosis factor-α and interleukin-8 enhance airway smooth muscle contraction by increasing L-type Ca channel expression.(2018) Clin. Exp. Pharmacol. Physiol.Sep 10</b>                 |                               |                              |                     |                     |                         |
| <b>Sku</b>  | <b>Product Name</b>           | <b>Pubmed id</b>             | <b>Journal_tier</b> | <b>Applications</b> | <b>Cross Reactivity</b> |
| bs-0780R  | Anti-IL-8                     | 30203559                     | 2.09                | Induced             | Mouse                   |

**Li et al. The effects of photobiomodulation therapy on mouse pre-osteoblast cell line MC3T3-E1 proliferation and apoptosis via miR-503/Wnt3a pathway.(2018) Lasers Med Sci. Sep 15**

| Sku        | Product Name   | Pubmed id | Journal_tier | Applications | Cross Reactivity |
|------------|----------------|-----------|--------------|--------------|------------------|
| bs-0081R   | Anti-caspase-3 | 30218348  | 1.95         | WB           | Mouse            |
| bs-0032R   | Anti-Bcl-2     | 30218348  | 1.95         | WB           | Mouse            |
| bsm-33033M | Anti-GAPDH     | 30218348  | 1.95         | WB           | Mouse            |

**Yu et al. Inhibition of microRNA-143-3p attenuates myocardial hypertrophy by inhibiting inflammatory response. (2018) Nov; 42(11):1584-1593.**

| Sku       | Product Name | Pubmed id | Journal_tier | Applications | Cross Reactivity |
|-----------|--------------|-----------|--------------|--------------|------------------|
| bs-10900R | Anti-GAPDH   | 30203887  | 1.94         | WB           | (SD) Rats        |

**Zhang et al. Effects of edaravone on the expression of  $\beta$ -defensin-2 mRNA in lung tissue of rats with myocardial ischemia reperfusion. (2013) Mol.Med.Rep. 7:1683-7**

| Sku      | Product Name            | Pubmed id | Journal_tier | Applications | Cross Reactivity |
|----------|-------------------------|-----------|--------------|--------------|------------------|
| bs-1296R | Anti- $\beta$ -defensin | 23525405  | 1.92         | WB           | Rat              |

**Du et al. Regulatory effects of microRNA- 184 on osteosarcoma via the Wnt/ $\beta$ - catenin signaling pathway. (2018) Mol.Med.Rep. 18:1917-1924**

| Sku      | Product Name         | Pubmed id | Journal_tier | Applications | Cross Reactivity |
|----------|----------------------|-----------|--------------|--------------|------------------|
| bs-0295G | Goat Anti-rabbit IgG | 29916553  | 1.92         | WB           | Mouse            |

**Liu et al. N- terminal truncated peroxisome proliferator- activated receptor-  $\gamma$  coactivator- 1 $\alpha$  alleviates phenylephrine- induced mitochondrial dysfunction and decreases lipid droplet accumulation in neonatal rat cardiomyocytes. (2018) Mol.Med.Rep. 18:2142-2152**

| Sku      | Product Name         | Pubmed id | Journal_tier | Applications | Cross Reactivity |
|----------|----------------------|-----------|--------------|--------------|------------------|
| bs-0061R | Anti- $\beta$ -actin | 29901150  | 1.92         | WB           | neonatal Rat     |

**Li et al. Low- frequency ultrasound and microbubbles combined with simvastatin promote the apoptosis of MCF- 7 cells by affecting the LATS1/YAP/RHAMM pathway. (2018) Mol.Med.Rep. 18:2724-2732**

| Sku          | Product Name           | Pubmed id | Journal_tier | Applications | Cross Reactivity |
|--------------|------------------------|-----------|--------------|--------------|------------------|
| bs-0293M-HRP | Mouse Anti-rat IgG/HRP | 30015955  | 1.92         | WB           | Human            |

**Zhang et al. Characteristics and multi- lineage differentiation of bone marrow mesenchymal stem cells derived from the Tibetan mastiff. (2018) Mol.Med.Rep. 18:2097-2109**

| Sku       | Product Name  | Pubmed id | Journal_tier | Applications | Cross Reactivity |
|-----------|---------------|-----------|--------------|--------------|------------------|
| bs-20631R | Anti-CD29     | 29916546  | 1.92         | IF           | Tibetan mastiff  |
| bs-0521R  | Anti-CD44     | 29916546  | 1.92         | IF&FCM       | Tibetan mastiff  |
| bs-0778R  | Anti-CD90     | 29916546  | 1.92         | IF&FCM       | Tibetan mastiff  |
| bs-0579R  | Anti-CD105    | 29916546  | 1.92         | IF&FCM       | Tibetan mastiff  |
| bs-8533R  | Anti-vimentin | 29916546  | 1.92         | IF&FCM       | Tibetan mastiff  |

**Yang et al. Quercetin- 3- O-  $\beta$ - D- glucoside decreases the bioavailability of cyclosporin A through regulation of drug metabolizing enzymes, transporters and nuclear receptors in rats. (2018) Mol.Med.Rep. 18:2599-2612**

| Sku      | Product Name | Pubmed id | Journal_tier | Applications | Cross Reactivity |
|----------|--------------|-----------|--------------|--------------|------------------|
| bs-6283R | Anti-SULT1A1 | 30015887  | 1.92         | WB           | Rat              |

**Wang et al. Silencing of PYGB suppresses growth and promotes the apoptosis of prostate cancer cells via the NF-  $\kappa$ B/Nrf2 signaling pathway. (2018) Mol.Med.Rep. 18:3800-3808**

| Sku      | Product Name       | Pubmed id | Journal_tier | Applications | Cross Reactivity |
|----------|--------------------|-----------|--------------|--------------|------------------|
| bs-0293M | Mouse Anti-rat IgG | 30106110  | 1.92         | WB           | Human            |

**Yuan et al. MicroRNA let-7c-5p Suppressed Lipopolysaccharide-Induced Dental Pulp Inflammation by Inhibiting Dentin Matrix Protein-1-Mediated Nuclear Factor kappa B (NF- $\kappa$ B) Pathway In Vitro and In Vivo. (2018) Med.Sci.Monit. 24:6656-6665**

| Sku        | Product Name         | Pubmed id | Journal_tier | Applications | Cross Reactivity |
|------------|----------------------|-----------|--------------|--------------|------------------|
| bsm-33139M | Anti- $\beta$ -Actin | 30238933  | 1.89         | IF&WB        | Rat              |

**Geng et al. A simple fabricated microfluidic chip for urine sample-based bladder cancer detection.(2018).J MICROMECH MICROENG.**

| Sku           | Product Name             | Pubmed id | Journal_tier | Applications      | Cross Reactivity |
|---------------|--------------------------|-----------|--------------|-------------------|------------------|
| bs-0296G-FITC | Goat Anti-Mouse IgG/FITC | online    | 1.89         | microfluidic chip | Human            |
| bs-1702R      | Anti-CD15                | online    | 1.89         | microfluidic chip | Human            |
| bs-7413R      | Anti-TBC1D1/FITC         | online    | 1.89         | microfluidic chip | Human            |

**Uehara et al. Reduction of Thermotolerance by Heat Shock Protein 90 Inhibitors in Murine Erythroleukemia Cells. (2018).Biological and Pharmaceutical Bulletin, 41(9), 1393-1400.**

| Sku      | Product Name                    | Pubmed id | Journal_tier | Applications | Cross Reactivity |
|----------|---------------------------------|-----------|--------------|--------------|------------------|
| bs-1640R | Anti-p-JNK 1, 2, 3-T183, -Y 185 | 30175776  | 1.69         | WB           |                  |

**Li et al. Dual targeting of survivin and X-linked inhibitor of apoptosis protein suppresses the growth and promotes the apoptosis of gastric cancer HGC-27 cells. (2018) Oncol.Lett. 16:3489-3498**

| Sku          | Product Name              | Pubmed id | Journal_tier | Applications | Cross Reactivity |
|--------------|---------------------------|-----------|--------------|--------------|------------------|
| bs-0295M-HRP | Mouse Anti-rabbit IgG/HRP | 30127953  | 1.66         | IHC          | Human            |



**Gao et al. Abnormal changes in the quantity and function of osteoblasts cultured in vitro in patients with myelodysplastic syndrome. (2018) Oncol.Lett. 16:4384-4390**

| Skus     | Product Name    | Pubmed id | Journal_tier | Applications | Cross Reactivity |
|----------|-----------------|-----------|--------------|--------------|------------------|
| bs-0578R | Anti-Collagen I | 30214573  | 1.66         | IHC          | Human            |

**Wang et al.  $\beta$ -Bourbonene attenuates proliferation and induces apoptosis of prostate cancer cells. (2018) Oncol.Lett. 16:4519-4525**

| Skus       | Product Name | Pubmed id | Journal_tier | Applications | Cross Reactivity |
|------------|--------------|-----------|--------------|--------------|------------------|
| bs-33283R  | Anti-Bax     | 30197674  | 1.66         | WB           | Human            |
| bs-0216R   | Anti-FasL    | 30197674  | 1.66         | WB           | Human            |
| bsm-33047M | Anti-Bcl-2   | 30197674  | 1.66         | WB           | Human            |

**Yuan et al. Incomplete radiofrequency ablation promotes the development of CD133+ cancer stem cells in hepatocellular carcinoma cell line HepG2 via inducing SOX9 expression. (2018) Hepatobiliary & Pancreatic Diseases International. S1499-3872(18)30202-9.**

| Skus     | Product Name | Pubmed id | Journal_tier | Applications | Cross Reactivity |
|----------|--------------|-----------|--------------|--------------|------------------|
| bs-9464R | Anti-IRX4    | 30262419  | 1.50         | FC           | Human            |

**Sun et al. Calcimimetic R568 reduced the blood pressure and improved aortic remodeling in spontaneously hypertensive rats by inhibiting local renin- angiotensin system activity.(2018),Experimental and Therapeutic Medicine. 16: 4089-4099**

| Skus     | Product Name | DOI                   | Journal_tier | Applications | Cross Reactivity |
|----------|--------------|-----------------------|--------------|--------------|------------------|
| bs-6184R | Anti-Renin   | 10.3892/etm.2018.6734 | 1.41         | WB           | Rat              |

**Yi et al. Expression of Keap1 and Nrf2 in diffuse large B-cell lymphoma and its clinical significance. (2018) Exp.Ther.Med. 16:573-578**

| Skus         | Product Name                | Pubmed id | Journal_tier | Applications | Cross Reactivity |
|--------------|-----------------------------|-----------|--------------|--------------|------------------|
| bs-4900R     | Anti-Keap1                  | 30112024  | 1.41         | IHC          | Human            |
| bs-1074R     | Anti-Nrf2                   | 30112024  | 1.41         | IHC          | Human            |
| bs-0295G-bio | Goat anti-rabbit IgG/Biotin | 30112024  | 1.41         | IHC          | Human            |
| bs-0437P-HRP | Streptavidin/HRP            | 30112024  | 1.41         | IHC          | Human            |
| C02-04001    | DAB staining kit            | 30112024  | 1.41         | IHC          |                  |

**Lu et al. In vitro culture and biological properties of broiler adipose-derived stem cells. (2018) Exp.Ther.Med. 16:2399-2407**

| Skus          | Product Name              | Pubmed id | Journal_tier | Applications | Cross Reactivity |
|---------------|---------------------------|-----------|--------------|--------------|------------------|
| bs-4834R      | Anti-CD73                 | 30210592  | 1.41         | IF&FCM       | Broiler          |
| bs-0486R      | Anti-CD29                 | 30210592  | 1.41         | IF&FCM       | Broiler          |
| bs-1782R      | Anti-CD71                 | 30210592  | 1.41         | IF&FCM       | Broiler          |
| bs-2507R      | Anti-CD44                 | 30210592  | 1.41         | IF&FCM       | Broiler          |
| bs-0295G-FITC | Goat-anti-rabbit IgG/FITC | 30210592  | 1.41         | IF&FCM       | Broiler          |

**Xue et al. Protective effects of extracellular polymeric substances from Aphanizomenon flos-aquae on neurotoxicity induced by local anesthetics. (2018) Exp.Ther.Med. 16:3011-3019**

| Skus       | Product Name         | Pubmed id | Journal_tier | Applications | Cross Reactivity |
|------------|----------------------|-----------|--------------|--------------|------------------|
| bs-1353R   | Anti-beclin-1        | 30214519  | 1.41         | WB           | Rat              |
| bsm-33139M | Anti- $\beta$ -actin | 30214519  | 1.41         | WB           | Rat              |
| bsm-33309M | Anti- LC3            | 30214519  | 1.41         | WB           | Rat              |

**Qiu et al. Inhibition of endogenous hydrogen sulfide production exacerbates the inflammatory response during urine-derived sepsis-induced kidney injury. (2018) Exp.Ther.Med. 16:2851-2858**

| Skus         | Product Name         | Pubmed id | Journal_tier | Applications | Cross Reactivity |
|--------------|----------------------|-----------|--------------|--------------|------------------|
| bs-4587M     | Anti-IL-6            | 30214506  | 1.41         | WB           | Rabbit           |
| bs-33287M    | Anti-TGF- $\beta$ 1  | 30214506  | 1.41         | WB           | Rabbit           |
| bs-0368G-HRP | mouse IgM/HRP        | 30214506  | 1.41         | WB           | Rabbit           |
| bsm-33036M   | Anti- $\beta$ -actin | 30214506  | 1.41         | WB           | Rabbit           |
| bsm-33117M   | Anti-NF- $\kappa$ B  | 30214506  | 1.41         | WB           | Rabbit           |

**Tanaka et al. Proprotein Convertase Subtilisin/Kexin Type 9 Is Associated with Degenerating Adipocytes in Abdominal Aortic Aneurysm.(2018)J Oleo Sci.Oct 11;67(10):1355-1360.**

| Skus     | Product Name | Pubmed id | Journal_tier | Applications | Cross Reactivity |
|----------|--------------|-----------|--------------|--------------|------------------|
| bs-6060R | Anti-NARC-1  | 30210081  | 1.18         | IF           | Human            |

**Yuan et al. Ultrasound Microbubble Delivery Targeting Intraplaque Neovascularization Inhibits Atherosclerotic Plaque in an APOE-deficient Mouse Model. (2018) In Vivo, 32(5), 1025–1032.**

| Skus         | Product Name             | Pubmed id | Journal_tier | Applications | Cross Reactivity |
|--------------|--------------------------|-----------|--------------|--------------|------------------|
| bs-0295G-HRP | Goat anti-rabbit IgG/HRP | 30150423  | 1.12         | IHC          | Mouse            |

**Hashimoto et al. Dietary DNA Attenuates the Degradation of Elastin Fibers in the Aortic Wall in Nicotine-Administrated Mice. (2018) Journal of Nutritional Science and Vitaminology, 64(4), 271–276.**

| Skus     | Product Name | Pubmed id | Journal_tier | Applications | Cross Reactivity |
|----------|--------------|-----------|--------------|--------------|------------------|
| bs-1854R | Anti-MMP-12  | 30175790  | 0.95         | IHC          | Mouse            |

Sato et al. Expression of Draxin in Lung Carcinomas. (2018) ACTA HISTOCHEMICA ET CYTOCHEMICA, Feb 27;51(1):53-62.

| SKU      | Product Name  | Pubmed id | Journal_tier | Applications | Cross Reactivity |
|----------|---------------|-----------|--------------|--------------|------------------|
| bs-1858R | Anti-Netrin-1 | 29622850  | 0.87         | IHC          | Human            |

Xiao et al. FGF2 crosstalk with Wnt signaling in mediating the anabolic action of PTH on bone formation. (2018) Bone Reports, 9, 136-144.

| SKU      | Product Name                      | Pubmed id | Journal_tier | Applications | Cross Reactivity |
|----------|-----------------------------------|-----------|--------------|--------------|------------------|
| bs-3253R | Anti-phospho-LRP6 (pLRP6, Ser149) | 30258857  | 0.00         | IF           | Mouse            |

Liu et al. STF-083010, an inhibitor of XBP1 splicing, attenuates acute renal failure in rats by suppressing endoplasmic reticulum stress-induced apoptosis and inflammation. (2018) Exp.Anim. 67:373-382

| SKU        | Product Name | Pubmed id | Journal_tier | Applications | Cross Reactivity |
|------------|--------------|-----------|--------------|--------------|------------------|
| bs-8680R   | Anti-IRE1    | 29695649  | 0.00         | WB           | Rat              |
| bsm-33139M | Anti-β-actin | 29695649  | 0.00         | WB           | Rat              |

Bihari et al. Suboptimal Level of Bone-Forming Cells in Advanced Cirrhosis are Associated with Hepatic Osteodystrophy. (2018) Hepatol.Commun. 2:1095-1110

| SKU      | Product Name | Pubmed id | Journal_tier | Applications | Cross Reactivity |
|----------|--------------|-----------|--------------|--------------|------------------|
| bs-1110R | Anti-Osterix | 30202823  | 0.00         | IHC          | Human            |

Xiao et al. FGF2 crosstalk with Wnt signaling in mediating the anabolic action of PTH on bone formation. (2018) Bone.Rep. 9:136-144

| SKU      | Product Name                      | Pubmed id | Journal_tier | Applications | Cross Reactivity |
|----------|-----------------------------------|-----------|--------------|--------------|------------------|
| bs-3253R | Anti-phospho-LRP6 (pLRP6, Ser149) | 30258857  | 0.00         | IF           | Mouse            |