

二抗、标记二抗产品册

全 现货



实验所需的二抗类型通常由实验方法、一抗种类以及实验设计所决定。因此，要获得理想的实验结果，正确选择一种适用于实验应用的二抗至关重要。

选择最佳二抗，需考虑以下因素：

1. 一抗种属来源

二抗的免疫原物种与一抗的种属来源相同。例如，如果一抗为来源于兔的抗体，则二抗为抗兔抗体。

2. 二抗的种属来源

- ▶ 二抗的质量与不同的种属来源没有必然的联系，如，一抗为兔抗，可选择来源于山羊的二抗，也可选择来源于驴的二抗，两者在实验中没有太多的差别。
- ▶ 在一些间接标记的双标实验中，如果两支一抗分别是山羊来源与小鼠来源，则相应的二抗分别要抗山羊和抗小鼠的二抗，但是，所用二抗的种属来源必须不同于一抗的种属来源和反应种属，以免二抗与之结合产生非特异性反应。

3. 抗体亚型及形式

一般来说多克隆抗体主要是 IgG 类免疫球蛋白，因此相应的二抗就是抗 IgG 抗体。而单克隆抗体则相对复杂些，具有多种亚型，二抗还需与一抗的亚型相匹配。如一抗亚型为小鼠 IgG2a，那边二抗需要抗小鼠 IgG2a。

此外，还需确认二抗形式是整个 IgG 分子，Fab 片段，还是 $F(ab')_2$ 片段。

- ▶ 整个 IgG 分子：此种抗体适用于多数情况。
- ▶ Fab 片段：它们只有一个结合位点，一般用来封闭内源性免疫球蛋白。
- ▶ $F(ab')_2$ 片段：该种抗体是由两个靠二硫键连接的用于结合抗原的 Fab 片段组成，如需要避免抗体与具有 Fc 受体的细胞 / 组织结合的情况，则需选择 $F(ab')_2$ 片段二抗。

4. 免疫学实验方法

- ▶ 标记物的选择：选用哪种标记的二抗主要取决于具体的实验。
- ▶ Western Blot 和 ELISA，最常用的二抗是酶标二抗。
- ▶ 细胞免疫化学，流式细胞术（细胞或组织标记实验）中通常使用荧光基团标记的二抗。免疫组织化学常用的二抗为酶标二抗，且多为辣根过氧化物酶标记。
- ▶ 如果需要更大程度的放大检测信号，可以使用 Biotin/Avidin 检测系统。
- ▶ 金颗粒标记的二抗则更多的应用于免疫电镜中。

Bioss 二抗 VS 其它公司

我们提供适用于 15 种不同靶标物种和近 30 种标记物标记的二抗以供科研人员选择，靶标物种包括：人、大鼠、小鼠、鸡、狗、猪等；标记物包括：HRP 标记、Biotin 标记、IRDye 800CW 标记、FITC/AbBy Fluor® 荧光标记、PE 标记、APC 标记、Cy 系列等。

Bioss 二抗标记物

标记物种类	标记物名称
酶	碱性磷酸酶 (AP/ALP)，辣根过氧化物酶 (HRP)
生物素	Biotin
荧光素	FITC, Rhodamine B (RBITC), IRDye 800CW
Cy 系列荧光素	Cy3, Cy5, Cy5.5, Cy7
AbBy Fluor® 系列荧光素	BF350, BF405, BF488, BF555, BF568, BF594, BF647, BF680, BF700, BF750
荧光蛋白	藻红蛋白 (PE)，别藻蓝蛋白 (APC)
荧光双标记	PE-Cy 荧光素系列：PE-Cy5, PE-Cy5.5, PE-Cy7
	APC-Cy 荧光素系列：APC-Cy5.5, APC-Cy7
	PerCP-Cy 荧光素系列：PerCP-Cy5.5
胶体金标记	Gold

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二抗、标记二抗产品列表

未标记二抗 Applications: Isotype Control, Blocking Assay, etc., Conjugate-Dependent

二抗名称	未标记	现货标记物
靶标物种：Rabbit		
Goat anti-Rabbit IgG	bs-0295G	Biotin, AP, HRP, FITC, RBITC, BF350, BF405, BF488, BF555, BF568, BF594, BF647, BF680, BF700, BF750, Cy3, Cy5, Cy5.5, Cy7, PE, APC, PE-Cy5, PE-Cy5.5, PE-Cy7, PerCP-Cy5.5, Gold, SA
Donkey anti-Rabbit IgG	bs-0295D	Biotin, AP, HRP, FITC, RBITC, BF350, BF405, BF488, BF555, BF594, BF647, BF680, BF750, Cy3, Cy5, Cy5.5, Cy7, PE, APC, PE-Cy5, PE-Cy7, Gold
AffiniPure F(ab') ₂ Fragment Goat anti-Rabbit IgG (H+L)	bs-60295G	Biotin, HRP, FITC, BF488
Mouse anti-Rabbit IgG (H + L)	bs-0295M	Biotin, AP, HRP, FITC, RBITC, BF488, BF555, BF594, BF647, BF750, Cy3, Cy5, Cy5.5, PE, APC, PE-Cy5, PE-Cy7, Gold
Mouse anti-Rabbit IgM	bs-0369M	Biotin, AP, HRP, FITC, RBITC, BF350, BF555, Cy3, Cy5, PE, APC, PE-Cy7, Gold
Mouse anti-Rabbit IgG	bsm-0295M	HRP, Gold

二抗名称	未标记	现货标记物
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靶标物种：Mouse

Goat anti-Mouse IgG	bs-0296G	Biotin, AP, HRP, FITC, RBITC, BF350, BF405, BF488, BF555, BF594, BF647, BF680, BF750, Cy3, Cy5, Cy5.5, Cy7, PE, APC, PE-Cy5, PE-Cy5.5, PE-Cy7, Gold, SA
Rabbit anti-Mouse IgG	bs-0296R	Biotin, AP, HRP, FITC, RBITC, BF350, BF488, BF555, BF594, BF647, Cy3, Cy5, Cy7, PE, APC, PE-Cy5.5, PE-Cy7, Gold
Rabbit anti-Mouse Igkc	bs-0330R	AP, HRP, FITC, BF488, BF647, Cy7, PE, APC, Gold
Goat anti-Mouse IgM	bs-0368G	Biotin, AP, HRP, FITC, RBITC, BF350, BF488, BF555, BF594, BF647, Cy3, Cy5, Cy5.5, Cy7, PE, APC, PE-Cy5, PE-Cy7, Gold
Rabbit anti-Mouse IgM	bs-0368R	HRP, FITC, RBITC, BF488, BF555, BF594, BF647, Cy3, Cy5, PE, APC, Gold
Rabbit anti-Mouse IgG-Fc	bs-0377R	Biotin, HRP, FITC, BF488, BF555, BF647, Cy5, PE, APC
AffiniPure F(ab') ₂ Fragment Goat anti-Mouse IgG (H+L)	bs-60296G	Biotin, HRP, FITC, PE, APC
Rat anti-Mouse IgD	bsm-34233A	—

靶标物种：Human

Donkey anti-Human IgG	bs-0297D	Biotin, AP, HRP, FITC, BF488, BF555, BF647, BF750, Cy3, Cy5, PE, APC, Gold
Goat anti-Human IgG	bs-0297G	Biotin, AP, HRP, FITC, RBITC, BF350, BF405, BF488, BF555, BF594, BF647, BF680, Cy3, Cy5, Cy5.5, PE, APC, PE-Cy7, Gold
Mouse anti-Human IgG	bs-0297M	Biotin, AP, HRP, FITC, RBITC, BF594, BF647, Cy3, Cy5, Cy5.5, PE, APC, PE-Cy5, Gold
Rabbit anti-Human IgG	bs-0297R	Biotin, AP, HRP, FITC, RBITC, BF405, BF488, BF555, BF647, Cy3, Cy5, PE, APC, PE-Cy5, Gold
Goat anti-Human IgM	bs-0345G	Biotin, AP, HRP, FITC, BF488, Cy3, Cy5, PE, APC, Gold
Mouse anti-Human IgM	bs-0345M	Biotin, HRP, FITC, Cy5, Gold
Rabbit anti-Human IgM	bs-0345R	Biotin, AP, HRP, FITC, BF555, BF647, Cy3, PE, APC, Gold
Rabbit anti-Human IgA	bs-0360R	Biotin, AP, HRP, FITC, BF647, Cy3, PE, APC, Gold
Rabbit anti-Human IgG F (ab') ₂	bs-0364R	Biotin, AP, HRP, FITC, BF488, Cy5, Cy5.5, PE, APC
Mouse anti-Human IgG	bsm-0297M	Biotin, AP, HRP, FITC, RBITC, BF405, BF488, BF555, BF594, BF647, BF680, BF700, BF750, Cy5, PE, AE, APC, PerCP, PE-Cy5.5, PE-Cy7, APC-Cy5.5, APC-Cy7, PerCP-Cy5.5, PerCP-Cy7, PacificBlue, IRDye800CW
Mouse anti-Human IgM	bsm-41524M	—
Mouse anti-Human IgG	bsm-41525M	—
Goat anti-Human IgE	bs-2226G	AP, HRP, FITC, Cy3, PE
Rabbit anti-Human IgG Fc	bs-0365R	HRP, APC
Mouse anti-Human IgG Fc	bsm-0365M	AP, HRP, RBITC, PE, APC

二抗名称	未标记	现货标记物
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靶标物种：Rat

Goat anti-Rat IgG	bs-0293G	Biotin, AP, HRP, FITC, RBITC, BF350, BF488, BF555, BF594, BF647, Cy3, Cy5, Cy7, PE, APC, PE-Cy5.5, PE-Cy7, Gold
Mouse anti-Rat IgG	bs-0293M	Biotin, AP, HRP, FITC, BF350, BF488, BF647, Cy3, Cy5.5, APC, Gold
Rabbit anti-Rat IgG	bs-0293R	Biotin, AP, HRP, FITC, RBITC, BF350, BF488, BF555, BF594, BF647, Cy3, Cy5, PE, APC, PE-Cy5, PE-Cy7, Gold
Rabbit anti-Rat IgM	bs-0346R	Biotin, HRP, FITC, BF350, BF488, BF555, BF647, Cy3, Cy7, PE, APC, PE-Cy7

靶标物种：Goat

Donkey anti-Goat IgG	bs-0294D	Biotin, AP, HRP, FITC, RBITC, BF350, BF405, BF488, BF555, BF594, BF647, BF680, BF750, Cy3, Cy5, Cy7, PE, APC, PE-Cy5, PE-Cy7, Gold
Mouse anti-Goat IgG	bs-0294M	Biotin, AP, HRP, FITC, RBITC, BF488, BF555, BF594, Cy3, Cy5, Cy5.5, PE, Gold
Rabbit anti-Goat IgG	bs-0294R	Biotin, AP, HRP, FITC, RBITC, BF350, BF488, BF555, BF594, BF647, Cy3, Cy5, PE, APC, PE-Cy5, Gold
Rabbit anti-Goat IgM	bs-0370R	Biotin, AP, HRP, FITC, BF488, Cy3, Cy5, Cy5.5, PE
Mouse anti-Goat IgG	bsm-0294M	—

靶标物种：Bovine

Goat anti-Bovine IgG	bs-0326G	Biotin, HRP, FITC, BF488, BF647, PE-Cy5.5, PE-Cy7, Gold
Mouse anti-Bovine IgG	bs-0326M	HRP, FITC, BF488, Cy5, PE-Cy7, Gold
Rabbit anti-Bovine IgG	bs-0326R	AP, HRP, FITC, BF488, APC, Gold
Rabbit anti-Bovine IgM	bs-0327R	Biotin, HRP, FITC, BF488, BF647, PE

识别物种：Chicken

Goat anti-Chicken IgG	bs-0310G	Biotin, AP, HRP, FITC, RBITC, BF405, BF488, BF555, BF594, BF647, Cy3, Cy5, Cy7, PE, APC, Gold
Rabbit anti-Chicken IgG	bs-0310R	Biotin, AP, HRP, FITC, RBITC, BF488, BF594, BF647, Cy3, PE, APC, Gold
Rabbit anti-Chicken IgM	bs-0314R	AP, HRP, FITC, BF488, Cy3, APC, Gold
Goat anti-Chicken IgY H&L	bs-0432G	FITC, BF488
Mouse anti-Chicken IgY	bs-0432M	—
Rabbit anti-Chicken IgY	bs-0432R	Biotin, HRP, RBITC, BF350, BF488, BF555, BF594, Cy3, Cy7
Mouse anti-Chicken IgG H&L	bs-0310M	—

靶标物种：Dog

Rabbit anti-Dog IgG	bs-0303R	Biotin, AP, HRP, FITC, Cy5, PE, APC, PE-Cy7, Gold
Rabbit anti-Dog IgM	bs-0373R	HRP, FITC, RBITC, BF488, Cy3, PE-Cy7, Gold

二抗名称	未标记	现货标记物
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靶标物种：Guinea pig

Donkey anti-Guinea pig IgG	bs-0358D	Biotin, AP, HRP, FITC, RBITC, BF488, BF555, BF594, BF647, BF750, Cy3, Cy5, Gold
Goat anti-Guinea pig IgG	bs-0358G	Biotin, HRP, FITC, RBITC, BF350, BF405, BF488, BF555, BF647, Cy3, PE, APC
Mouse anti-Guinea pig IgG	bs-0358M	HRP, RBITC, BF647
Rabbit anti-Guinea pig IgG	bs-0358R	Biotin, HRP, FITC, Cy3, Gold
Rabbit anti-Guinea pig IgM	bs-0375R	HRP, FITC, RBITC, BF488, BF594

靶标物种：Cat

Rabbit anti-Cat IgG H&L	bs-10749R	HRP, BF488
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靶标物种：Horse

Rabbit anti-Horse IgG	bs-0308R	Biotin, AP, HRP, FITC, RBITC, BF488, Cy3, Cy5, PE, APC, Gold
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靶标物种：Mongolian Gerbil

Rabbit anti-MG IgG	bs-0403R	Biotin, HRP, FITC, Cy5
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靶标物种：Mink

Rabbit anti-Mink IgG	bs-0777R	HRP, FITC, Cy5, PE-Cy5
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靶标物种：Monkey

Rabbit anti-Monkey IgG	bs-0335R	Biotin, AP, HRP, FITC, BF555, BF647, APC, Gold
Rabbit anti-Monkey IgM	bs-0336R	Biotin, HRP, FITC

靶标物种：Pig

Rabbit anti-Pig IgG H&L	bs-0309R	Biotin, AP, HRP, FITC, RBITC, BF488, BF647, Cy3, Cy5.5, Cy7, PE, APC, Gold
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靶标：Avidin

Rabbit anti-Avidin	bs-0312R	FITC, Cy5, Gold
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靶标：Biotin

Rabbit anti-Biotin	bs-0311R	Biotin, AP, HRP, FITC, RBITC, BF405, BF488, BF555, BF594, BF647, BF680, BF700, BF750, Cy3, Cy5, Cy5.5, PE, AE, APC, PerCP, PE-Cy5, PE-Cy5.5, PE-Cy7, APC-Cy5.5, APC-Cy7, PerCP-Cy5.5, PerCP-Cy7, PacificBlue, Gold
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* 产品信息均以官网为准：www.biosschina.com



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