

Product Datasheet

Name: Mouse Anti-Gastrin 17 (G-17) Monoclonal Antibody

Description: Hybridoma clones have been derived from hybridization of myeloma cells with spleen cells of BALB/c mouse immunized with recombinant human Gastrin 17.

Catalog No.	Isotype	Unit	Usage	Buffer
V4001	IgG1	mg	Capture	10mM PBS (pH7.4)

Specificity: Mabs react with antigen human Gastrin 17

Host: Mouse

Clonality: Monoclonal

Format: Liquid

Concentration: ≥1mg/ml

Purification: ≥90% (SDS-PAGE)

Preservative: 0.1%Proclin300

Application: Recommended for sandwich immunoassays in ELISA and CLIA. Each laboratory should determine an optimum working titer for use in its particular application.

Best pairs for cTnI complex immunodetection (capture-detection):

Capture antibody: V4001

Detection antibody: V4002

Storage: Store at -20 °C for one year. Avoid repeated freeze/thaw cycles.

Background: Gastrin is responsible for epithelial cell proliferation and differentiation. Gastrin regulates the action of parietal cells in secretion of gastric acid and growth factors essential for stomach maintenance. Gastrin maintains sodium ion homeostasis and controls body's blood pressure. Hypoxial conditions in in vitro and in vivo analysis may elevate the expression of gastrin hormone in cancer cells in order to promote angiogenesis. The only established clinical routine use of gastrin RIA so far is in the diagnosis, localization, and therapeutic control of gastrinomas (Zollinger–Ellison or Z–E tumors).

Note: This product as supplied is intended for research or further manufacturing use only.