

Anti-Gastrin Monoclonal Antibody

Catalog Number: M03612

About GAST

Anti Mesothelin Antibody recognizes Mesothelin that is a glycosyl-phosphatidylinositol-anchored glycoprotein present on the cell surface of various human solid tumors. The mesothelin (MSLN) gene encodes a 71-kDa precursor protein that is processed to a 40-kDa glycosylphosphatidylinositol-anchored protein that composes the mature portion and an NH2 terminal 31-kDa fragment called megakaryocyte-potentiating factor that is released from the cell. Mesothelin is a tumor differentiation antigen present at low levels on a restricted set of normal adult tissues, such as mesothelium, but aberrantly over expressed in mesotheliomas, ovarian, and pancreatic cancers. The biological functions of mesothelin remain elusive. A recent study showed that mesothelin binds to MUC16/CA125, and that this interaction mediates cell adhesion, suggesting that there may be an important role for MUC16/CA125 and mesothelin in the metastatic spread of ovarian cancer.

Overview

Product Name	Anti-Gastrin Monoclonal Antibody
Reactive Species	Human
Description	Boster Bio Anti-Gastrin Monoclonal Antibody catalog # M03612. Tested in IHC applications. This antibody reacts with Human.
Application	IHC
Clonality	Monoclonal AS1A17
Formulation	Liquid form in PBS containing 50% glycerol, 0.5% BSA & 0.02% sodium azide.
Storage Instructions	Store at -20°C for one year. For short term storage and frequent use, store at 4°C for up to one month. Avoid repeated freeze-thaw cycles.
Host	Mouse
Uniprot ID	P01350

Technical Details

Immunogen	Synthesized peptide derived from human Gastrin
Predicted Reactive Species	Chimpanzee, Macaque
Cross Reactivity	No cross reactivity with other proteins.
Isotype	IgG
Form	Liquid
Concentration	1 mg/ml

Purification	Gastrin (AS1A17) antibody was affinity-purified from mouse ascites by affinity-chromatography using specific immunogen.
Suggested Dilutions	IHC 1:500

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