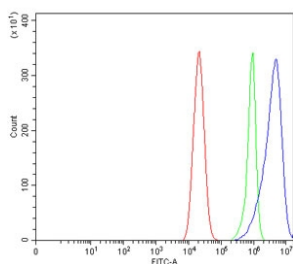


GAST Antibody / Gastrin (RQ6873)

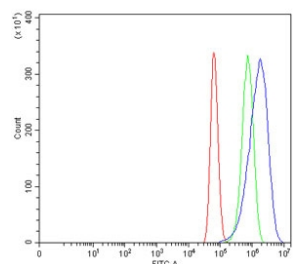
Catalog No.	Formulation	Size
RQ6873	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

Bulk quote request

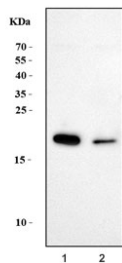
Availability	1-3 business days
Species Reactivity	Human, Rat
Format	Antigen affinity purified
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit IgG
Purity	Antigen affinity purified
Buffer	Lyophilized from 1X PBS with 2% Trehalose
UniProt	P01350
Applications	Western Blot : 1-2ug/ml Flow Cytometry : 1-3ug/million cells
Limitations	This GAST antibody is available for research use only.



Flow cytometry testing of human Caco-2 cells with GAST antibody at 1ug/million cells (blocked with goat sera); Red=cells alone, Green=isotype control, Blue= GAST antibody.



Flow cytometry testing of human U-87 MG cells with GAST antibody at 1ug/million cells (blocked with goat sera); Red=cells alone, Green=isotype control, Blue= GAST antibody.



Western blot testing of 1) human Caco-2 and 2) rat stomach tissue lysate with GAST antibody. Predicted molecular weight ~11 kDa.

Description

Gastrin is a hormone whose main function is to stimulate secretion of hydrochloric acid by the gastric mucosa, which results in gastrin formation inhibition. This hormone also acts as a mitogenic factor for gastrointestinal epithelial cells. Gastrin has two biologically active peptide forms, G34 and G17.

Application Notes

Optimal dilution of the GAST antibody should be determined by the researcher.

Immunogen

Amino acids RDLELPWLEQQGPASHHRRQL from the human protein were used as the immunogen for the GAST antibody.

Storage

After reconstitution, the GAST antibody can be stored for up to one month at 4oC. For long-term, aliquot and store at -20oC. Avoid repeated freezing and thawing.