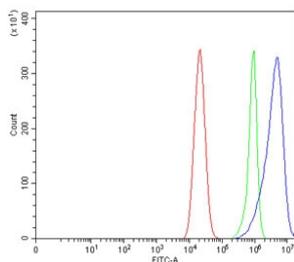


## GAST Antibody / Gastrin (RQ6873)

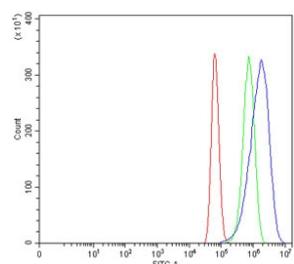
Catalog No.	Formulation	Size
RQ6873	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

**Bulk quote request**

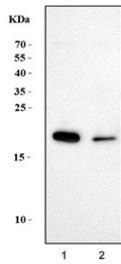
<b>Availability</b>	1-3 business days
<b>Species Reactivity</b>	Human, Rat
<b>Format</b>	Antigen affinity purified
<b>Host</b>	Rabbit
<b>Clonality</b>	Polyclonal (rabbit origin)
<b>Isotype</b>	Rabbit IgG
<b>Purity</b>	Antigen affinity purified
<b>Buffer</b>	Lyophilized from 1X PBS with 2% Trehalose
<b>UniProt</b>	P01350
<b>Applications</b>	Western Blot : 1-2ug/ml Flow Cytometry : 1-3ug/million cells
<b>Limitations</b>	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 4°C. For long-term, aliquot and store at -20°C. Avoid repeated freezing and thawing.