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Datasheet for ABIN6939464

## anti-Gastrin antibody

### 1 Image

#### Overview

Quantity:	100 µg
Target:	Gastrin (GAST)
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This Gastrin antibody is un-conjugated
Application:	ELISA, Coating (Coat)

#### Product Details

Immunogen:	Recombinant full-length human GAST protein
Clone:	GAST-2631
Isotype:	IgG2c kappa
Purification:	Purified by Protein A/G

#### Target Details

Target:	Gastrin (GAST)
Alternative Name:	GAST ( <a href="#">GAST Products</a> )
Background:	Gastrin, is a hormone that normally formed by mucosal cells in the gastric antrum and by the D cells of the pancreatic islets. Its primary function is to stimulate secretion of HCl by the gastric mucosa. HCl, in turn, inhibits gastrin formation. It also responsible for stimulating smooth muscle contraction and increasing blood circulation and water secretion in the stomach and

## Target Details

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intestine. Gastrin is regulated by epidermal growth factor in both mice and humans. Gastrin is excreted in excess by pancreatic tumors in the Zollinger-Ellison syndrome. Gastrin-Releasing Peptide (GRP) stimulates the release of gastrin as well as other gastrointestinal hormones and also acts as an autocrine growth factor for certain cell types. High levels of GRP are found in the human lung just after birth and levels decrease thereafter in parallel with the observed disease in a number of pulmonary neuroendocrine cells. GRP is known to promote lung tumorigenesis in model systems.

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Molecular Weight: 2/4/14kDa

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Gene ID: 2520

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UniProt: [P01350](#)

## Application Details

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Application Notes: Positive Control: Human Pituitary or Stomach.  
Known Application: ELISA (For coating use Ab at 1-5 µg/mL, order Ab without BSA) Optimal dilution for a specific application should be determined.

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Restrictions: For Research Use only

## Handling

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Concentration: 200 µg/mL

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Buffer: 10 mM PBS with 0.05 % BSA & 0.05 % azide.

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Preservative: Sodium azide

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Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

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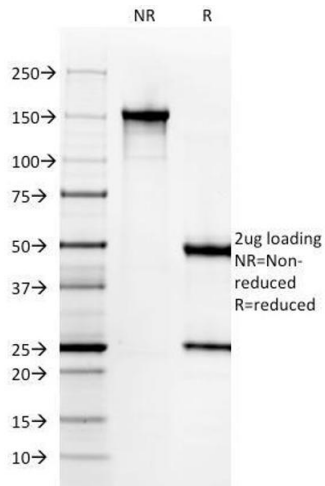
Storage: 4 °C,-80 °C

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Storage Comment: Antibody with azide - store at 2 to 8°C. Antibody without azide - store at -20 to -80°C. Antibody is stable for 24 months. Non-hazardous. No MSDS required.

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Expiry Date: 24 months



### SDS-PAGE

**Image 1.** SDS-PAGE Analysis Purified Gastrin Mouse Monoclonal Antibody (GAST/2631). Confirmation of Integrity and Purity of Antibody.