

For Research Use Only

# Gastrin Monoclonal antibody

Catalog Number: 60346-1-Ig **2 Publications**



## Basic Information

<b>Catalog Number:</b> 60346-1-Ig	<b>GenBank Accession Number:</b> BC069724	<b>Purification Method:</b> Protein A purification
<b>Size:</b> 150ul , Concentration: 1978 ug/ml by Nanodrop and 1000 ug/ml by Bradford method using BSA as the standard;	<b>GeneID (NCBI):</b> 2520	<b>CloneNo.:</b> 7G9C3
<b>Source:</b> Mouse	<b>UNIPROT ID:</b> P01350	<b>Recommended Dilutions:</b> IHC 1:100-1:500 IF-P 1:200-1:800
<b>Isotype:</b> IgG2a	<b>Full Name:</b> gastrin	
<b>Immunogen Catalog Number:</b> AG12795	<b>Calculated MW:</b> 101 aa, 11 kDa	

## Applications

<b>Tested Applications:</b> IHC, IF-P, ELISA	<b>Positive Controls:</b> IHC : human stomach tissue, IF-P : human stomach cancer tissue,
<b>Cited Applications:</b> IHC, IF	
<b>Species Specificity:</b> human	
<b>Cited Species:</b> human	
<b>Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0</b>	

## Background Information

Gastrin is a hormone produced primarily by G-cells in the stomach, where it functions to stimulate acid secretion by gastric parietal cells. Gastrin is a promiscuous hormone. Thus, the gastrin gene is expressed in common cancers such as bronchogenic, colorectal, ovarian and pancreatic carcinomas.

## Notable Publications

Author	Pubmed ID	Journal	Application
Joep Beumer	32407674	Cell	IF
Hirofumi Rokutan	38922356	Virchows Arch	IHC

## Storage

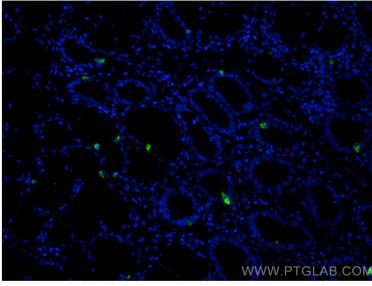
**Storage:**  
Store at -20°C. Stable for one year after shipment.  
**Storage Buffer:**  
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.  
Aliquoting is unnecessary for -20°C storage

\*\*\* 20ul sizes contain 0.1% BSA

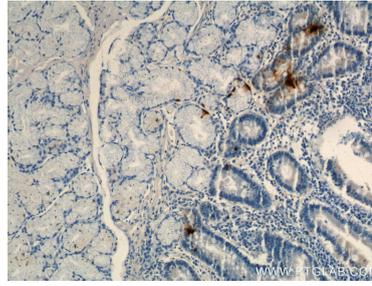
For technical support and original validation data for this product please contact:  
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)  
E: proteintech@ptglab.com  
W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

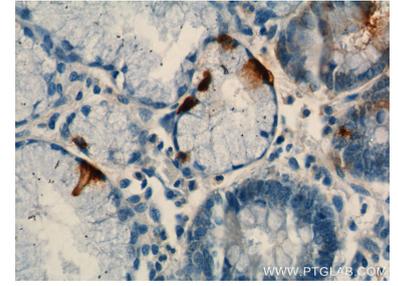
## Selected Validation Data



Immunofluorescent analysis of (4% PFA) fixed paraffin-embedded human stomach cancer tissue using Gastrin antibody (60346-1-Ig, Clone: 7G9C3) at dilution of 1:400 and CoraLite®488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L) (SA00013-1). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human stomach tissue slide using 60346-1-Ig (Gastrin antibody) at dilution of 1:350 (under 10x lens).



Immunohistochemical analysis of paraffin-embedded human stomach tissue slide using 60346-1-Ig (Gastrin antibody) at dilution of 1:350 (under 40x lens).