

For Research Use Only

# CoraLite®594-conjugated Gastrin Monoclonal antibody



Catalog Number:CL594-60346

## Basic Information

Catalog Number:

CL594-60346

Size:

1000 µg/ml

Source:

Mouse

Isotype:

IgG2a

Immunogen Catalog Number:

AG12795

GenBank Accession Number:

BC069724

GeneID (NCBI):

2520

UNIPROT ID:

P01350

Full Name:

gastrin

Calculated MW:

101 aa, 11 kDa

Purification Method:

Protein A purification

CloneNo.:

7G9C3

Recommended Dilutions:

IF-P 1:50-1:500

Excitation/Emission maxima wavelengths:

588 nm / 604 nm

## Applications

Tested Applications:

IF-P

Species Specificity:

human

Positive Controls:

IF-P : human stomach cancer tissue,

## 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.

## Storage

Storage:

Store at -20°C. Avoid exposure to light. Stable for one year after shipment.

Storage Buffer:

PBS with 50% Glycerol, 0.05% Proclin300, 0.5% BSA, pH 7.3.

Aliquoting is unnecessary for -20°C storage

For technical support and original validation data for this product please contact:

T: 4006900926

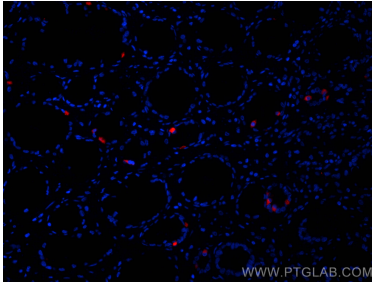
E: [Proteintech-CN@ptglab.com](mailto:Proteintech-CN@ptglab.com)

W: [ptgcn.com](http://ptgcn.com)

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## Selected Validation Data



Immunofluorescent analysis of (4% PFA) fixed paraffin-embedded human stomach cancer tissue using CoraLite®594 Gastrin antibody (CL594-60346, Clone: 7G9C3 ) at dilution of 1:200. Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).