

For Research Use Only

CoraLite® Plus 488-conjugated Gastroke 1 Monoclonal antibody



Catalog Number: CL488-60130

Basic Information

Catalog Number: CL488-60130	GenBank Accession Number: BC059778	Purification Method: Protein A purification
Size: 100ul , Concentration: 1000 µg/ml by Nanodrop;	GeneID (NCBI): 56287	CloneNo.: 3C10E3
Source: Mouse	Full Name: gastroke 1	Recommended Dilutions: IF 1:50-1:500
Isotype: IgG2a	Calculated MW: 22 kDa	Excitation/Emission maxima wavelengths: 493 nm / 522 nm
Immunogen Catalog Number: AG6091	Observed MW: 22 kDa	

Applications

Tested Applications: IF	Positive Controls: IF : mouse stomach tissue,
Species Specificity: human, rat, mouse	

Background Information

Gastroke 1 (GKN1), a stomach-specific protein also known as 18 kDa antrum mucosa protein (AMP-18) or foveolin, belongs to the gastroke family of gastric mucus cell-secreted proteins. The human GKN1 gene has been localized in a region of chromosome 2p13 of about 6 kb and contains 6 exons. GKN1 is expressed only in normal human stomach, but is absent from gastric adenocarcinomas, gastro-esophageal adenocarcinoma cell lines, and other normal and tumor gastro-intestinal tissues. GKN1 may play an important role in normal gastric function and may be a gastric tumour suppressor.

Storage

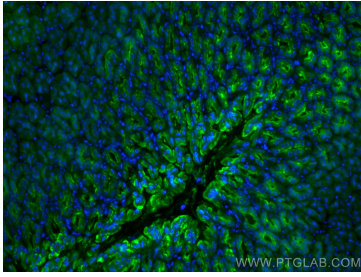
Storage:
Store at -20°C. Avoid exposure to light. Stable for one year after shipment.
Storage Buffer:
PBS with 50% Glycerol, 0.05% Proclin300, 0.5% BSA, pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

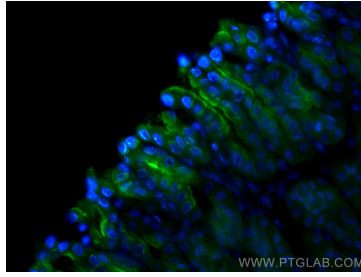
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA) E: proteintech@ptglab.com
W: ptglab.com

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 mouse stomach tissue using CoraLite® Plus 488 Gastrokine 1 antibody (CL488-60130, Clone: 3C10E3) at dilution of 1:200.



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