

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: 1000 ug/ml	GeneID (NCBI): 56287	CloneNo.: 3C10E3
Source: Mouse	UNIPROT ID: Q9NS71	Recommended Dilutions: IF-P 1:50-1:500
Isotype: IgG2a	Full Name: gastrokine 1	Excitation/Emission maxima wavelengths: 493 nm / 522 nm
Immunogen Catalog Number: AG6091	Calculated MW: 22 kDa	
	Observed MW: 22 kDa	

## Applications

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

## Background Information

Gastrokine 1 (GKN1), a stomach-specific protein also known as 18 kDa antrum mucosa protein (AMP-18) or foveolin, belongs to the gastrokine 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

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

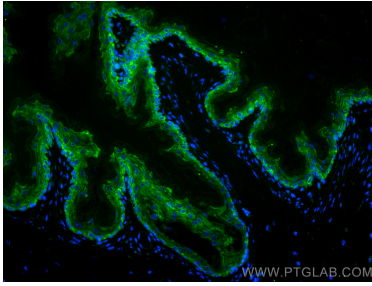
T: 4006900926

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

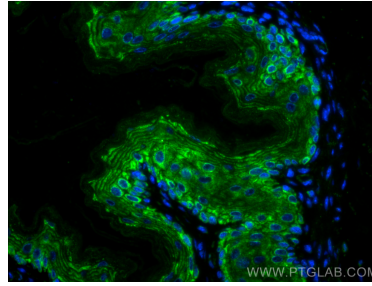
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## Selected Validation Data



Immunofluorescent analysis of (4% PFA) fixed paraffin-embedded mouse stomach tissue using CoraLite® Plus 488 Gastrokine 1 antibody (CL488-60130, Clone: 3C10E3 ) at dilution of 1:200. Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



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