

For Research Use Only

Gastrokeine 1 Monoclonal antibody, PBS Only



Catalog Number: 60130-1-PBS

Basic Information

Catalog Number: 60130-1-PBS	GenBank Accession Number: BC059778	Purification Method: Protein A purification
Size: 1 mg/ml	GeneID (NCBI): 56287	CloneNo.: 3C10E3
Source: Mouse	UNIPROT ID: Q9NS71	
Isotype: IgG2a	Full Name: gastrokeine 1	
Immunogen Catalog Number: AG6091	Calculated MW: 22 kDa	
	Observed MW: 22 kDa	

Applications

Tested Applications:
WB, Indirect ELISA, IHC, IF

Species Specificity:
human, rat, pig, mouse

Background Information

Gastrokeine 1 (GKN1), a stomach-specific protein also known as 18 kDa antrum mucosa protein (AMP-18) or foveolin, belongs to the gastrokeine 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 -80°C.

Storage Buffer:
PBS Only

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

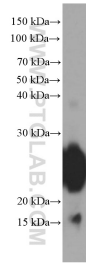
T: 4006900926

E: Proteintech-CN@ptglab.com

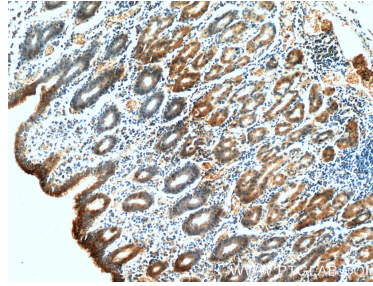
W: ptgcn.com

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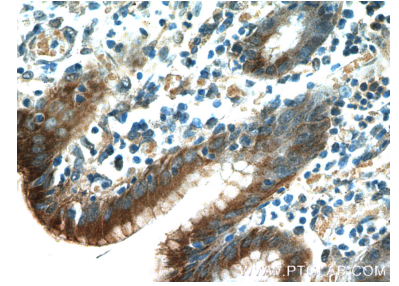
Selected Validation Data



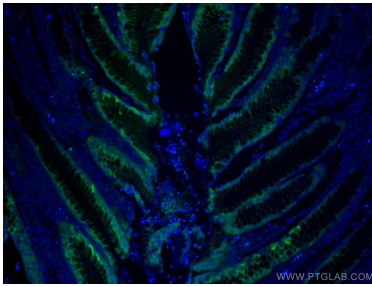
human stomach tissue were subjected to SDS PAGE followed by western blot with 60130-1-Ig (GKN1 Antibody) at dilution of 1:20000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 60130-1-PBS in a different storage buffer formulation.



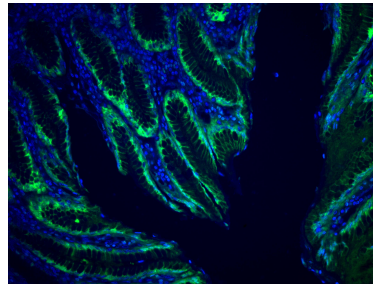
Immunohistochemical analysis of paraffin-embedded human stomach tissue slide using 60130-1-Ig (GKN1 Antibody) at dilution of 1:200 (under 10x lens). This data was developed using the same antibody clone with 60130-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded human stomach tissue slide using 60130-1-Ig (GKN1 Antibody) at dilution of 1:200 (under 40x lens). This data was developed using the same antibody clone with 60130-1-PBS in a different storage buffer formulation.



Immunofluorescent analysis of (4% PFA) fixed human stomach tissue using Gastrokine 1 antibody (60130-1-Ig, Clone: 3C10E3) at dilution of 1:400 and CoraLite®488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L). This data was developed using the same antibody clone with 60130-1-PBS in a different storage buffer formulation.



Immunofluorescent analysis of (4% PFA) fixed human stomach tissue using Gastrokine 1 antibody (60130-1-Ig, Clone: 3C10E3) at dilution of 1:400 and CoraLite®488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L). This data was developed using the same antibody clone with 60130-1-PBS in a different storage buffer formulation.