

CoraLite®594-conjugated Gastroke 1 Monoclonal antibody

Catalog Number: **CL594-60130**

Basic Information

Catalog Number:

CL594-60130

Size:

1000 µg/ml

Source:

Mouse

Isotype:

IgG2a

Immunogen Catalog Number:

AG6091

GenBank Accession Number:

BC059778

GeneID (NCBI):

56287

UNIPROT ID:

Q9NS71

Full Name:

gastroke 1

Calculated MW:

22 kDa

Purification Method:

Protein A purification

CloneNo.:

3C10E3

Recommended Dilutions:

IF-P 1:50-1:500

Excitation/Emission maxima
wavelengths:

588 nm / 604 nm

Applications

Tested Applications:

IF-P

Species Specificity:

human, rat, mouse

Positive Controls:

IF-P : human stomach tissue, mouse stomach tissue

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:

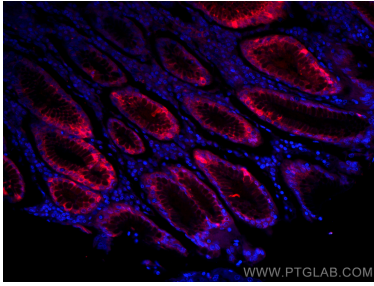
Store at -20°C. Avoid exposure to light. Stable for one year after shipment.

Storage Buffer:

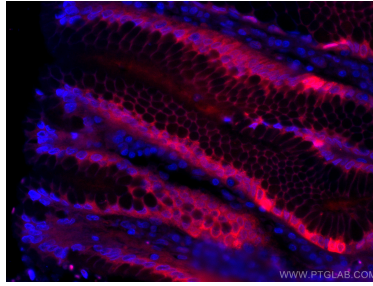
PBS with 50% Glycerol, 0.05% Proclin300, 0.5% BSA, pH 7.3.

Aliquoting is unnecessary for -20°C storage

Selected Validation Data



Immunofluorescent analysis of (4% PFA) fixed human stomach tissue using CoraLite®594 Gastrokine 1 antibody (CL594-60130, Clone: 3C10E3) at dilution of 1:200.



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