

For Research Use Only

MUC5AC Recombinant monoclonal antibody

Catalog Number: 85868-1-RR

1 Publications



Basic Information

Catalog Number:

85868-1-RR

Source:

Rabbit

Isotype:

IgG

GenBank Accession Number:

NM_017511

GeneID (NCBI):

4586

UNIPROT ID:

P98088

Full Name:

mucin 5AC, oligomeric mucus/gel-forming

Calculated MW:

527 kDa

Observed MW:

290 kDa

Purification Method:

Protein A purification

CloneNo.:

250061E6

Recommended Dilutions:

WB: 1:500-1:2000

IHC: 1:500-1:2000

Applications

Tested Applications:

WB, IHC, ELISA

Cited Applications:

IHC

Species Specificity:

human, mouse, rat

Cited Species:

rat

Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0

Positive Controls:

WB: rat stomach tissue,

IHC: human stomach tissue,

Background Information

MUC5AC (Mucin-5AC) is a gel-forming glycoprotein of the gastric and respiratory epithelium. It can protect mucous membranes from infection and chemical damage by binding to inhaled microorganisms and particles, which are then cleared by the mucociliary system. (PubMed:14535999, PubMed:14718370)

Notable Publications

Author	Pubmed ID	Journal	Application
YANGE TIAN	41543188	Mol. Med Rep	IHC

Storage

Storage:

Store at -20°C. Stable for one year after shipment.

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol, pH7.3

Aliquoting is unnecessary for -20°C storage

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

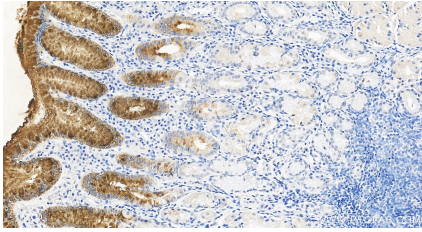
T: 4006900926

E: Proteintech-CN@ptglab.com

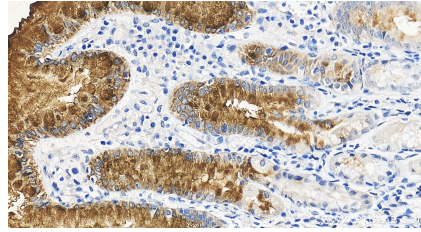
W: ptgcn.com

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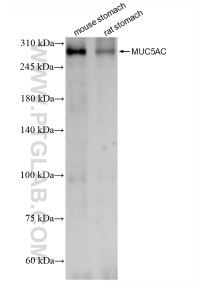
Selected Validation Data



Immunohistochemical analysis of paraffin-embedded human stomach tissue slide using 85868-1-RR (MUC5AC antibody) at dilution of 1:1000 (under 20x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human stomach tissue slide using 85868-1-RR (MUC5AC antibody) at dilution of 1:1000 (under 20x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Various lysates were subjected to SDS PAGE followed by western blot with 85868-1-RR (MUC5AC antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.