

For Research Use Only

MUC5AC Recombinant monoclonal antibody

Catalog Number: 85868-1-RR

1 Publications



Basic Information

Catalog Number: 85868-1-RR	GenBank Accession Number: NM_017511	Purification Method: Protein A purification
Size: 100ul , Concentration: 1000 µg/ml by Nanodrop;	GeneID (NCBI): 4586	CloneNo.: 250061E6
Source: Rabbit	UNIPROT ID: P98088	Recommended Dilutions: WB: 1:500-1:2000 IHC: 1:500-1:2000
Isotype: IgG	Full Name: mucin 5AC, oligomeric mucus/gel-forming	
	Calculated MW: 527 kDa	
	Observed MW: 290 kDa	

Applications

Tested Applications: WB, IHC, ELISA	Positive Controls: WB : rat stomach tissue, IHC : human stomach tissue,
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	

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

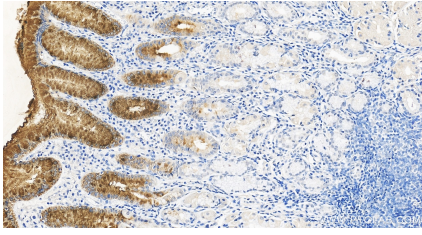
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol, pH7.3
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

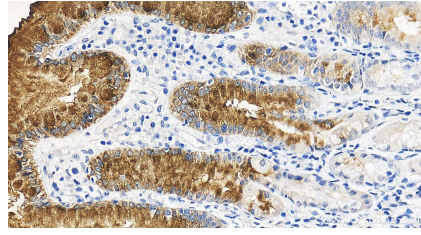
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

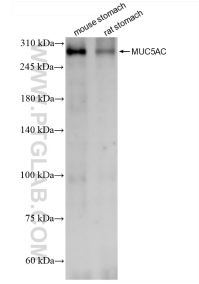
Selected Validation Data



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).



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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.