

For Research Use Only

MUC5AC Recombinant monoclonal antibody, PBS Only

Catalog Number:85868-1-PBS



Basic Information

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

Applications

Tested Applications:
WB, IHC, Indirect ELISA

Species Specificity:
human, mouse, rat

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)

Storage

Storage:
Store at -80°C.

Storage Buffer:
PBS only, pH7.3

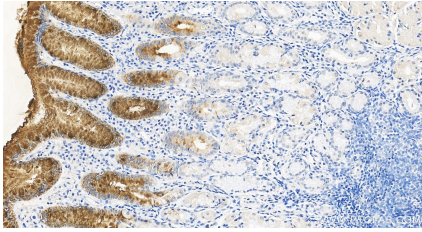
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

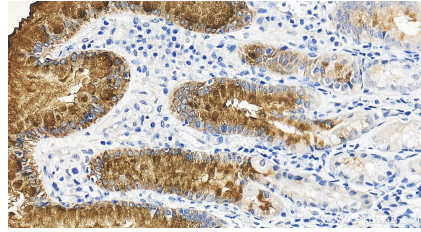
E: proteintech@ptglab.com
W: ptglab.com

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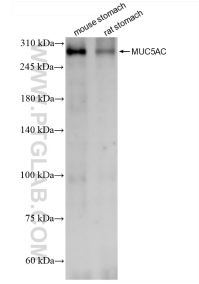
Selected Validation Data



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). This data was developed using the same antibody clone with 85868-1-PBS in a different storage buffer formulation.



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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. This data was developed using the same antibody clone with 85868-1-PBS in a different storage buffer formulation.