

For Research Use Only

MUC15 Recombinant monoclonal antibody

Catalog Number:86987-1-RR



Basic Information

Catalog Number: 86987-1-RR	GenBank Accession Number: NM_145650	Purification Method: Protein A purification
Source: Rabbit	GeneID (NCBI): 143662	CloneNo.: 251970A2
Isotype: IgG	UNIPROT ID: Q8N387-1	Recommended Dilutions: WB: 1:500-1:2000
Immunogen Catalog Number: EG5625	Full Name: mucin 15, cell surface associated	
	Calculated MW: 36 kDa	
	Observed MW: 35 kDa	

Applications

Tested Applications: WB, ELISA	Positive Controls: WB : ACHN cells,
Species Specificity: human	

Background Information

MUC15 is a transmembrane mucin that is ubiquitously expressed on the surface of epithelial cells as a membrane-bound glycoprotein. MUC15 plays a dual role in cellular processes, participating in cell adhesion, signal transduction, and regulating receptor tyrosine kinase activity. Its expression is frequently altered in various cancers, acting as a context-dependent tumor suppressor or promoter.(PMID: 32479243;16904320; 30420637)

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:

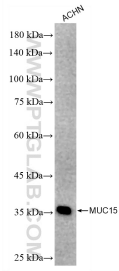
T: 4006900926

E: Proteintech-CN@ptglab.com

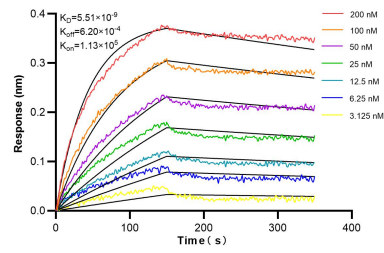
W: ptgcn.com

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

Selected Validation Data



ACHN cells were subjected to SDS PAGE followed by western blot with 86987-1-RR (MUC15 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



Biolayer interferometry (BLI) kinetic assays of 86987-1-RR against Human MUC15 were performed. The affinity constant is 5.51 nM.