

For Research Use Only

MUC15 Recombinant monoclonal antibody, PBS Only

Catalog Number:86987-1-PBS



Basic Information

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

Applications

Tested Applications:
WB, Indirect ELISA

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 -80°C.
The product is shipped with ice packs. Upon receipt, store it immediately at -80°C

Storage Buffer:
PBS only, pH7.3

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

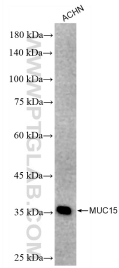
T: 4006900926

E: Proteintech-CN@ptglab.com

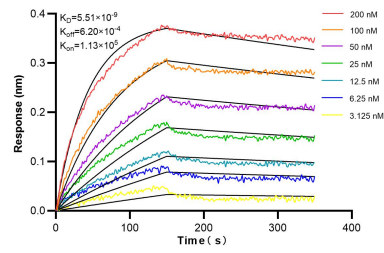
W: ptgcn.com

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Selected Validation Data



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. This data was developed using the same antibody clone with 86987-1-PBS in a different storage buffer formulation.



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