

For Research Use Only

POFUT1 Recombinant monoclonal antibody

Catalog Number: 87434-1-RR



Basic Information

Catalog Number: 87434-1-RR	GenBank Accession Number: NM_015352.2	Purification Method: Protein A purification
Size: 100ul , Concentration: 1000 µg/ml by Nanodrop;	GeneID (NCBI): 23509	CloneNo.: 252682G5
Source: Rabbit	UNIPROT ID: Q9H488-1	Recommended Dilutions: WB: 1:2000-1:10000
Isotype: IgG	Full Name: protein O-fucosyltransferase 1	
Immunogen Catalog Number: EG6687	Calculated MW: 44 kDa	
	Observed MW: 40-45 kDa	

Applications

Tested Applications: WB, ELISA	Positive Controls: WB : HCT 116 cells, HepG2 cells, HUVEC cells, PANC-1 cells, JAR cells
Species Specificity: human	

Background Information

POFUT1 (protein O-fucosyltransferase 1), also known as GDP-fucose protein O-fucosyltransferase, is an enzyme that catalyzes the reaction that attaches fucose through an O-glycosidic linkage to a conserved serine or threonine residue in EGF domains and plays a crucial role in Notch signaling.

Storage

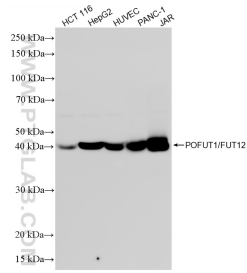
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol, pH7.3
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

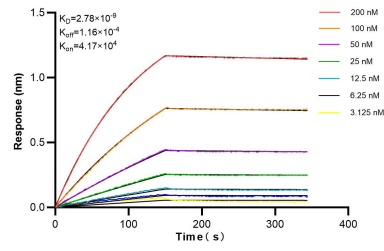
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA) E: proteintech@ptglab.com
W: ptglab.com

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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 87434-1-RR (POFUT1/FUT12 antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours.



Biolayer interferometry (BLI) kinetic assays of 87434-1-RR against Human POFUT1 were performed. The affinity constant is 2.78 nM.