

For Research Use Only

WNT5A/B Recombinant monoclonal antibody

Catalog Number: 87705-1-RR



Basic Information

Catalog Number: 87705-1-RR	GenBank Accession Number: BC064694	Purification Method: Protein A purification
Size: 100ul , Concentration: 1000 µg/ml by Nanodrop;	GeneID (NCBI): 7474	CloneNo.: 252960C1
Source: Rabbit	UNIPROT ID: P41221	Recommended Dilutions: WB: 1:500-1:2000
Isotype: IgG	Full Name: wingless-type MMTV integration site family, member 5A	
Immunogen Catalog Number: AG31507	Calculated MW: 42 kDa	
	Observed MW: 42 kDa	

Applications

Tested Applications: WB, ELISA	Positive Controls: WB : HeLa cells, MCF-7 cells, SKOV-3 cells, HUVEC cells, SH-SY5Y cells, NIH/3T3 cells
Species Specificity: human, mouse	

Background Information

The WNT gene family consists of structurally related genes which encode secreted signaling proteins. There are 19 Wnt genes in the human genome that encode functionally distinct Wnt proteins. These proteins have been implicated in oncogenesis and in several developmental processes, including regulation of cell fate and patterning during embryogenesis. Wnt members bind to the Frizzled family of seven-pass transmembrane proteins and activate several signaling pathway.

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

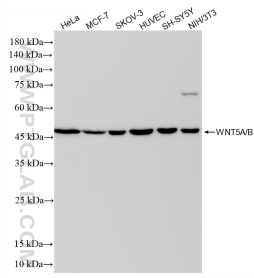
For technical support and original validation data for this product please contact:

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

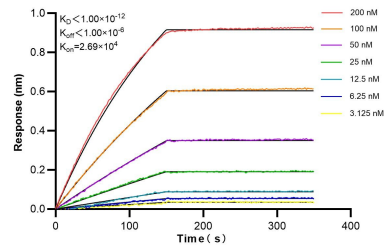
E: proteintech@ptglab.com
W: ptglab.com

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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 87705-1-RR (WNT5A antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



Biolayer interferometry (BLI) kinetic assays of 87705-1-RR against Human WNT5A/B were performed. The affinity constant is below 1 pM.