

For Research Use Only

SMAP2 Recombinant monoclonal antibody

Catalog Number: 88105-1-RR



Basic Information

Catalog Number: 88105-1-RR	GenBank Accession Number: BC021133	Purification Method: Protein A purification
Size: 100ul , Concentration: 1000 µg/ml by Nanodrop;	GeneID (NCBI): 64744	CloneNo.: 260364G2
Source: Rabbit	UNIPROT ID: Q8WU79	Recommended Dilutions: WB: 1:500-1:2000
Isotype: IgG	Full Name: small ArfGAP2	
Immunogen Catalog Number: AG9751	Calculated MW: 429 aa, 47 kDa	
	Observed MW: 47 kDa	

Applications

Tested Applications: WB, ELISA	Positive Controls: WB : LNCaP cells, PC-3 cells, K-562 cells
Species Specificity: human	

Background Information

SMAP2 (Small Arf GAP Protein 2) is an Arf1 GTPase-activating protein. It localizes to early endosomes/TGN, binds clathrin/AP-1, and regulates retrograde transport from recycling endosomes to the Golgi. Critical for vesicle trafficking, organelle homeostasis, and spermatogenesis. (PMID: 26136365)

Storage

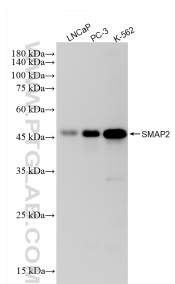
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol, pH7.3
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

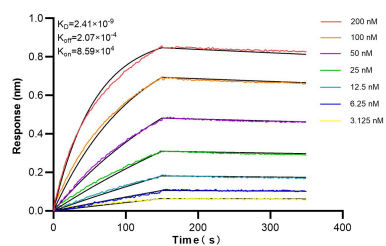
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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

Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 88105-1-RR (SMAP2 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



Biolayer interferometry (BLI) kinetic assays of 88105-1-RR against Human SMAP2 were performed. The affinity constant is 2.41 nM.