

For Research Use Only

PHPT1 Recombinant monoclonal antibody

Catalog Number: 86736-3-RR



Basic Information

Catalog Number: 86736-3-RR	GenBank Accession Number: BC024648	Purification Method: Protein A purification
Size: 100ul , Concentration: 1000 µg/ml by Nanodrop;	GeneID (NCBI): 29085	CloneNo.: 251432C1
Source: Rabbit	UNIPROT ID: Q9NRX4	Recommended Dilutions: WB: 1:2000-1:10000 IF/ICC: 1:50-1:500
Isotype: IgG	Full Name: phosphohistidine phosphatase 1	
Immunogen Catalog Number: AG3778	Calculated MW: 125 aa, 14 kDa	
	Observed MW: 14 kDa	

Applications

Tested Applications: WB, IF/ICC, ELISA	Positive Controls: WB : HEK-293 cells, MCF-7 cells IF/ICC : HEK-293 cells,
Species Specificity: human	

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**

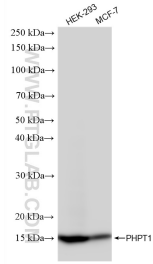
For technical support and original validation data for this product please contact:

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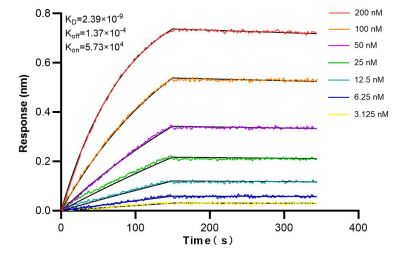
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Selected Validation Data



Immunofluorescent analysis of (-20°C Ethanol) fixed HEK-293 cells using PHPT1 antibody (86736-3-RR, Clone: 251432C1) at dilution of 1:200 and CoralLite®488-Conjugated Goat Anti-Rabbit IgG(H+L) (SA00013-2).

Various lysates were subjected to SDS PAGE followed by western blot with 86736-3-RR (PHPT1 antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours.



Biolayer interferometry (BLI) kinetic assays of 86736-3-RR against Human PHPT1 were performed. The affinity constant is 2.39 nM.