

For Research Use Only

# PPP1R12C Recombinant monoclonal antibody

Catalog Number: 86583-1-RR



## Basic Information

Catalog Number:	86583-1-RR	GenBank Accession Number:	BC008030	Purification Method:	Protein A purification
Size:	100ul, Concentration: 1000 µg/ml by Nanodrop;	GeneID (NCBI):	54776	CloneNo.:	251442C1
Source:	Rabbit	UNIPROT ID:	Q9BZL4	Recommended Dilutions:	WB: 1:2000-1:10000
Isotype:	IgG	Full Name:	protein phosphatase 1, regulatory (inhibitor) subunit 12C		
Immunogen Catalog Number:	AG18559	Calculated MW:	782 aa, 85 kDa		
		Observed MW:	90-100 kDa		

## Applications

Tested Applications:	WB, ELISA	Positive Controls:
Species Specificity:	human	WB: Jurkat cells, HEK-293T cells, Raji cells

## Background Information

PPP1R12C is a subunit of myosin phosphatase. PPP1R12C regulates the catalytic activity of protein phosphatase 1 delta and assembly of the actin cytoskeleton.

## Storage

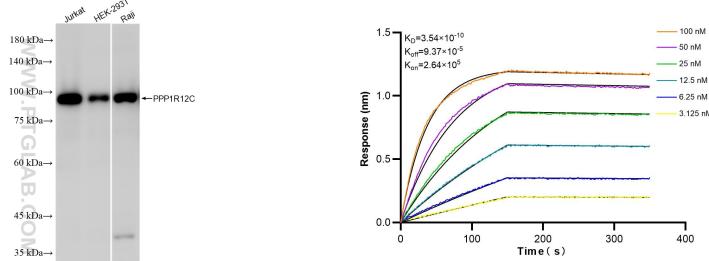
Storage: Store at -20°C. Stable for one year after shipment.  
Storage Buffer: PBS with 0.02% sodium azide and 50% glycerol, pH7.3  
Aliquoting is unnecessary for -20°C storage

\*\*\* 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 86583-1-RR (PPP1R12C antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours.

Biolayer interferometry (BLI) kinetic assays of 86583-1-RR against Human PPP1R12C were performed. The affinity constant is 0.354 nM.