

For Research Use Only

# PPP1R2 Recombinant monoclonal antibody

Catalog Number: 87916-1-RR



## Basic Information

<b>Catalog Number:</b> 87916-1-RR	<b>GenBank Accession Number:</b> BC007655	<b>Purification Method:</b> Protein A purification
<b>Size:</b> 100ul , Concentration: 1000 µg/ml by Nanodrop;	<b>GeneID (NCBI):</b> 5504	<b>CloneNo.:</b> 253579H6
<b>Source:</b> Rabbit	<b>UNIPROT ID:</b> P41236	<b>Recommended Dilutions:</b> WB: 1:500-1:2000
<b>Isotype:</b> IgG	<b>Full Name:</b> protein phosphatase 1, regulatory (inhibitor) subunit 2	
<b>Immunogen Catalog Number:</b> AG0805	<b>Calculated MW:</b> 23 kDa	
	<b>Observed MW:</b> 30 kDa	

## Applications

<b>Tested Applications:</b> WB, ELISA	<b>Positive Controls:</b> WB : HeLa cells, Jurkat cells, MCF-7 cells, Ramos cells, U266 cells
<b>Species Specificity:</b> human	

## Background Information

PPP1R2 (PHOSPHATASE INHIBITOR 2) forms heterodimer with phosphatase type-1 (PP1). Activity of the complex can be regulated by a series of phosphorylations/ phosphorilations events on PPP1R2, functioning in some important process in vivo.

## Storage

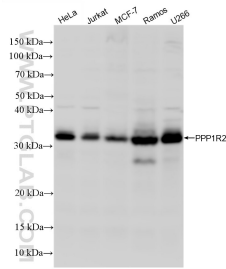
**Storage:**  
Store at -20°C. Stable for one year after shipment.  
**Storage Buffer:**  
PBS with 0.02% sodium azide and 50% glycerol, pH7.3  
Aliquoting is unnecessary for -20°C storage

\*\*\* 20ul sizes contain 0.1% BSA

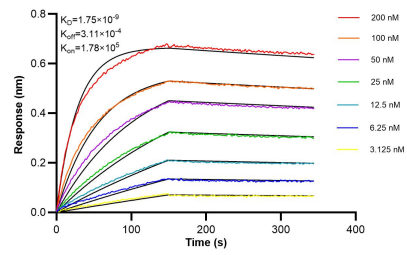
For technical support and original validation data for this product please contact:  
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)  
E: proteintech@ptglab.com  
W: ptglab.com

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 87916-1-RR (PPP1R2 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



Biolayer interferometry (BLI) kinetic assays of 87916-1-RR against Human PPP1R2 were performed. The affinity constant is 1.75 nM.