

For Research Use Only

# PHPT1 Recombinant monoclonal antibody

Catalog Number:86736-3-RR



## Basic Information

Catalog Number:

86736-3-RR

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG3778

GenBank Accession Number:

BC024648

GeneID (NCBI):

29085

UNIPROT ID:

Q9NRX4

Full Name:

phosphohistidine phosphatase 1

Calculated MW:

125 aa, 14 kDa

Observed MW:

14 kDa

Purification Method:

Protein A purification

CloneNo.:

251432C1

Recommended Dilutions:

WB: 1:2000-1:10000

IF/ICC: 1:50-1:500

## Applications

Tested Applications:

WB, IF/ICC, ELISA

Species Specificity:

human

Positive Controls:

WB : HEK-293 cells, MCF-7 cells

IF/ICC : HEK-293 cells,

## Background Information

### 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

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

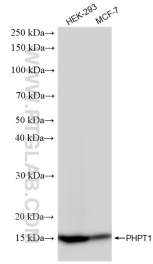
T: 4006900926

E: [Proteintech-CN@ptglab.com](mailto:Proteintech-CN@ptglab.com)

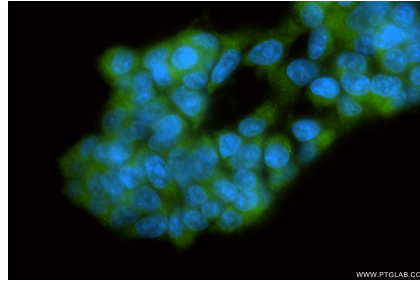
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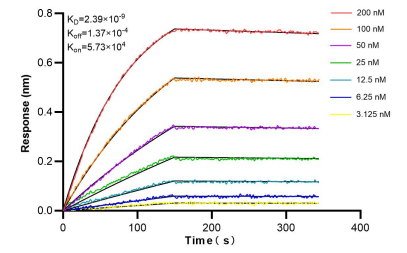
## Selected Validation Data



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.



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



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