

For Research Use Only

# PMP2 Recombinant monoclonal antibody, PBS Only

Catalog Number: 85594-5-PBS



## Basic Information

Catalog Number:

85594-5-PBS

Concentration:

1000 µg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG3411

GenBank Accession Number:

BC034997

GeneID (NCBI):

5375

UNIPROT ID:

P02689

Full Name:

peripheral myelin protein 2

Calculated MW:

132 aa, 15 kDa

Observed MW:

15 kDa

Purification Method:

Protein A purification

CloneNo.:

243016D10

## Applications

Tested Applications:

WB, Indirect ELISA

Species Specificity:

human, mouse, pig

## Background Information

PMP2 (peripheral myelin protein-2, also known as P2) is one of the major proteins of peripheral myelin and appears to be related to the transport of fatty acids or the metabolism of myelin lipids. P2 constitutes up to 15% of total protein of peripheral nervous system (PNS) myelin. It is also present in small amounts in central nervous system (CNS) myelin, being abundant in spinal cord and brain stem myelin. As a structural protein, P2 is thought to stabilize the myelin membranes.

## Storage

Storage:

Store at -80°C.

The product is shipped with ice packs. Upon receipt, store it immediately at -80°C

Storage Buffer:

PBS only, pH7.3

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

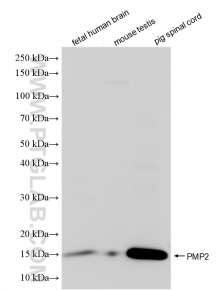
T: 4006900926

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

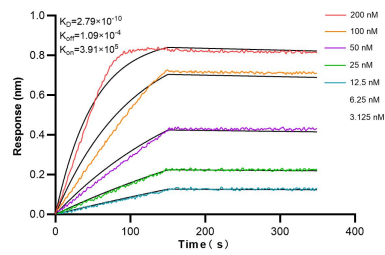
W: [ptgcn.com](http://ptgcn.com)

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## Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 85594-5-RR (PMP2 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 85594-5-PBS in a different storage buffer formulation.



Biolayer interferometry (BLI) kinetic assays of 85594-5-RR against Human PMP2 were performed. The affinity constant is 0.279 nM.