

For Research Use Only

# PMP2 Recombinant monoclonal antibody, PBS Only

Catalog Number: 85594-5-PBS



## Basic Information

### Catalog Number:

85594-5-PBS

### Size:

100ug, Concentration: 1 mg/ml by Nanodrop;

### 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.

### Storage Buffer:

PBS only, pH7.3

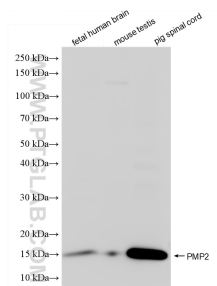
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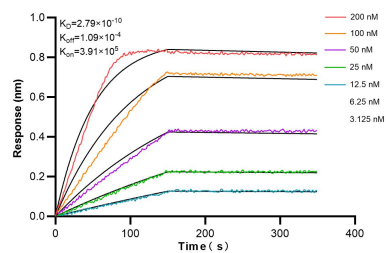
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## Selected Validation Data



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.