

For Research Use Only

# PPP2R2A/B/C Monoclonal antibody, PBS Only

Catalog Number: 67783-1-PBS



## Basic Information

Catalog Number:

67783-1-PBS

Size:

1mg/ml

Source:

Mouse

Isotype:

IgG1

Immunogen Catalog Number:

AG30774

GenBank Accession Number:

BC031790

GeneID (NCBI):

5521

UNIPROT ID:

Q00005

Full Name:

protein phosphatase 2 (formerly 2A),  
regulatory subunit B, beta isoform

Calculated MW:

443 aa, 52 kDa

Observed MW:

52 kDa

Purification Method:

Protein G purification

CloneNo.:

2E1D5

## Applications

Tested Applications:

WB, IHC, IF/ICC, Indirect ELISA

Species Specificity:

human, mouse, rat, pig, rabbit

## Background Information

The PPP2R2B gene encodes a deduced 443 amino acid protein of approximately 52 kDa, which is a brain-specific regulatory subunit B of protein phosphatase 2. PPP2R2B is a Subunit of PP2A, a highly conserved constitutive enzyme (PMID:11719278). PPP2R2B (B $\beta$ ) is an important regulator of protein phosphatase 2A (PP2A) activity in the brain. Through differential promoter usage and alternative splicing, two major isoforms B $\beta$  1 and B $\beta$  2 with divergent sub-cellular targeting N termini are produced. B $\beta$  plays an important role in neuronal survival. It has 5 isoforms produced by alternative splicing. This antibody can recognize PPP2R2A and PPP2R2C due to the immunogen of PPP2R2B having high homology with PPP2R2A and PPP2R2C.

## 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

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)

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

## Selected Validation Data

