

For Research Use Only

# Peripherin Monoclonal antibody, PBS Only (Detector)

Catalog Number: 66317-1-PBS



## Basic Information

Catalog Number:

66317-1-PBS

Size:

1000 µg/ml

Source:

Mouse

Isotype:

IgG2b

Immunogen Catalog Number:

AG11116

GenBank Accession Number:

BC032703

GeneID (NCBI):

5630

UNIPROT ID:

P41219

Full Name:

peripherin

Calculated MW:

470 aa, 54 kDa

Observed MW:

50-54 kDa

Purification Method:

Protein A purification

CloneNo.:

1H10B3

## Applications

Tested Applications:

WB, IHC, FC (Intra), Cytometric bead array, Indirect ELISA

Species Specificity:

human, rat, pig

## Background Information

### 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:

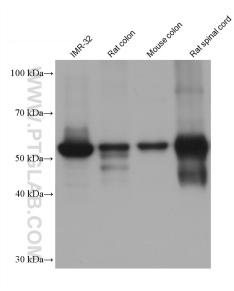
T: 4006900926

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

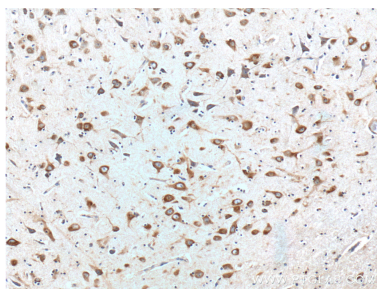
W: [ptgcn.com](http://ptgcn.com)

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

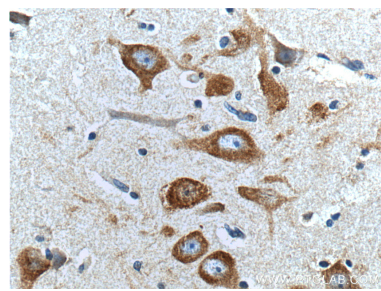
Selected Validation Data



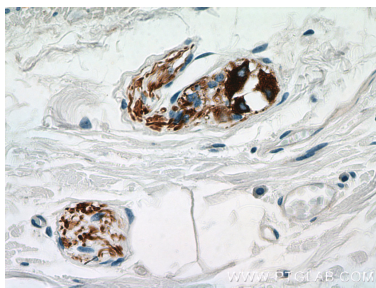
Various lysates were subjected to SDS PAGE followed by western blot with 66317-1-Ig (Peripherin antibody) at dilution of 1:20000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 66317-1-PBS in a different storage buffer formulation.



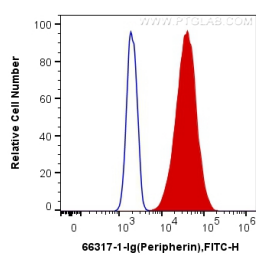
Immunohistochemical analysis of paraffin-embedded human brain tissue slide using 66317-1-Ig (Peripherin antibody) at dilution of 1:100 (under 10x lens). This data was developed using the same antibody clone with 66317-1-PBS in a different storage buffer formulation.



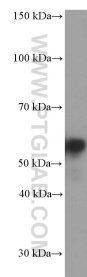
Immunohistochemical analysis of paraffin-embedded human brain tissue slide using 66317-1-Ig (Peripherin antibody) at dilution of 1:100 (under 40x lens). This data was developed using the same antibody clone with 66317-1-PBS in a different storage buffer formulation.



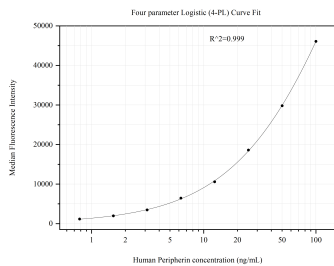
Immunohistochemical analysis of paraffin-embedded human colon tissue slide using 66317-1-Ig (Peripherin Antibody) at dilution of 1:1000 (under 40x lens). This data was developed using the same antibody clone with 66317-1-PBS in a different storage buffer formulation.



1X10<sup>6</sup> PC-12 cells were intracellularly stained with 0.4 ug Anti-Human Peripherin (66317-1-Ig, Clone:1H10B3) and CoraLite®488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L) at dilution 1:1000 (red), or 0.4 ug Control Antibody. Cells were fixed with 4% PFA and permeabilized with Flow Cytometry Perm Buffer (PF00011-C). This data was developed using the same antibody clone with 66317-1-PBS in a different storage buffer formulation.



rat brain tissue were subjected to SDS PAGE followed by western blot with 66317-1-Ig (Peripherin Antibody) at dilution of 1:3000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 66317-1-PBS in a different storage buffer formulation.



Cytometric bead array standard curve of MP51128-2, Peripherin Monoclonal Matched Antibody Pair, PBS Only. Capture antibody: 66317-4-PBS. Detection antibody: 66317-1-PBS. Standard:Ag11116. Range: 0.781-100 ng/mL