

For Research Use Only

Peripherin Monoclonal antibody

Catalog Number: 66317-1-Ig



Basic Information

Catalog Number: 66317-1-Ig	GenBank Accession Number: BC032703	Purification Method: Protein A purification
Size: 1600 µg/ml	GeneID (NCBI): 5630	CloneNo.: 1H10B3
Source: Mouse	UNIPROT ID: P41219	Recommended Dilutions: WB 1:1000-1:6000 IHC 1:20-1:200
Isotype: IgG2b	Full Name: peripherin	
Immunogen Catalog Number: AG11116	Calculated MW: 470 aa, 54 kDa	
	Observed MW: 50-54 kDa	

Applications

Tested Applications:

FC, IHC, WB, ELISA

Species Specificity:

human, rat, pig

Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0

Positive Controls:

WB : rat brain tissue, human colon tissue, rat colon tissue

IHC : human brain tissue, human colon tissue

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 pH 7.3.

Aliquoting is unnecessary for -20°C storage

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

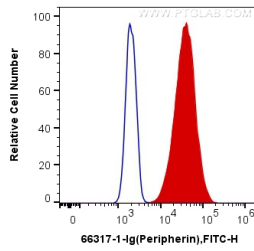
T: 4006900926

E: Proteintech-CN@ptglab.com

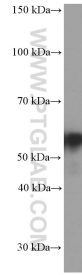
W: ptgcn.com

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

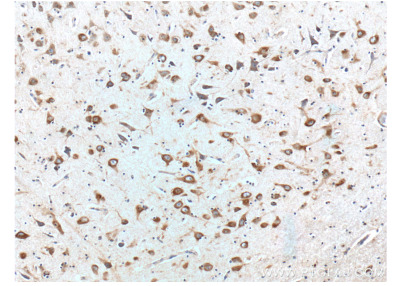
Selected Validation Data



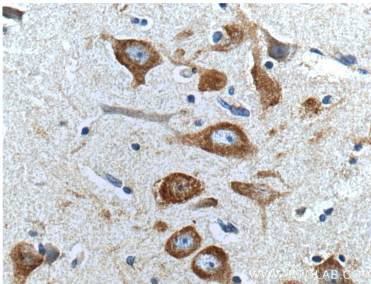
1X10⁶ PC-12 cells were intracellularly stained with 0.4 ug Anti-Human Peripherin (66317-1-Ig, Clone:1H10B3) and CoraLite®488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L) at dilution 1:1000 (red), or 0.4 ug Control Antibody. Cells were fixed with 4% PFA and permeabilized with Flow Cytometry Perm Buffer (PF00011-C).



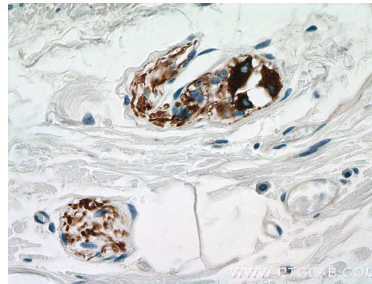
rat brain tissue were subjected to SDS PAGE followed by western blot with 66317-1-Ig (Peripherin Antibody) at dilution of 1:3000 incubated at room temperature for 1.5 hours.



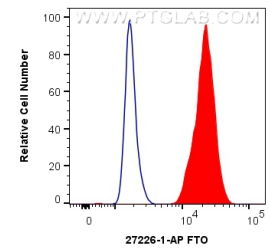
Immunohistochemical analysis of paraffin-embedded human brain tissue slide using 66317-1-Ig (Peripherin antibody) at dilution of 1:100 (under 10x lens).



Immunohistochemical analysis of paraffin-embedded human brain tissue slide using 66317-1-Ig (Peripherin antibody) at dilution of 1:100 (under 40x lens).



Immunohistochemical analysis of paraffin-embedded human colon tissue slide using 66317-1-Ig (Peripherin Antibody) at dilution of 1:1000 (under 40x lens).



1X10⁶ SH-SY5Y 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 Mouse IgG2b Isotype Control (MPC-11) (65128-1-Ig, Clone: MPC-11) (blue). Cells were fixed with 4% PFA and permeabilized with Flow Cytometry Perm Buffer (PF00011-C).