

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: 150ul , Concentration: 1600 ug/ml by Nanodrop and 1000 ug/ml by Bradford method using BSA as the standard;	GeneID (NCBI): 5630	CloneNo.: 1H10B3
Source: Mouse	UNIPROT ID: P41219	Recommended Dilutions: WB 1:5000-1:50000 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: WB, IHC, FC (Intra), ELISA	Positive Controls:
Species Specificity: human, rat, pig	WB : IMR-32 cells, human colon tissue, rat brain tissue, rat colon tissue, mouse colon tissue, rat spinal cord tissue
Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0	IHC : human brain tissue, human colon tissue

Storage

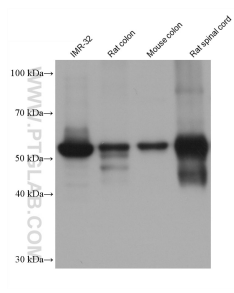
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

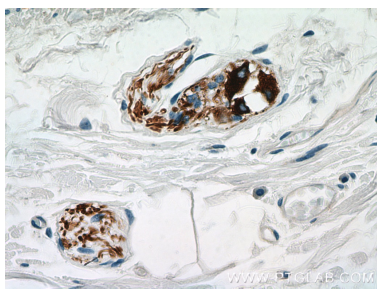
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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

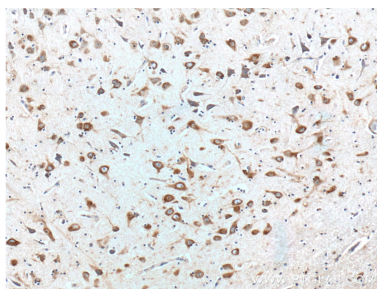
Selected Validation Data



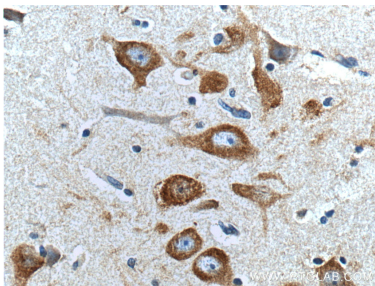
Various lysates were subjected to SDS PAGE followed by western blot with 66317-1-Ig (Peripherin antibody) at dilution of 1:20000 incubated at room temperature for 1.5 hours.



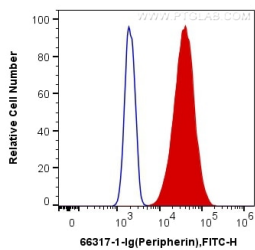
Immunohistochemical analysis of paraffin-embedded human colon tissue slide using 66317-1-Ig (Peripherin Antibody) at dilution of 1:1000 (under 40x lens).



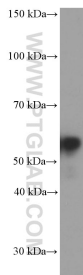
Immunohistochemical analysis of paraffin-embedded human brain tissue slide using 66317-1-Ig (Peripherin antibody) at dilution of 1:100 (under 10x lens).



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



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.