

For Research Use Only

ERMN Monoclonal antibody

Catalog Number: 66605-1-Ig **2 Publications**



Basic Information

Catalog Number: 66605-1-Ig	GenBank Accession Number: BC026345	Purification Method: Protein A purification
Size: 150ul , Concentration: 1400 µg/ml by Nanodrop and 1000 µg/ml by Bradford method using BSA as the standard;	GeneID (NCBI): 57471	CloneNo.: 2B1C1
Source: Mouse	Full Name: ermin, ERM-like protein	Recommended Dilutions: WB 1:1000-1:6000 IHC 1:150-1:600
Isotype: IgG2b	Observed MW: 50 kDa	
Immunogen Catalog Number: AG27040		

Applications

Tested Applications: IHC, WB, ELISA	Positive Controls: WB : pig brain tissue, pig cerebellum, rat brain, rat cerebellum, mouse brain
Cited Applications: IHC, WB	IHC : mouse brain tissue,
Species Specificity: Human, mouse, rat, pig	
Cited Species: human, mouse	

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

Background Information

ERMN is associated with cytoskeletal rearrangements and the stability of myelin sheath. A study has shown that ERMN is expressed specifically in oligodendrocytes in the central nervous system (CNS), and is involved in the formation of myelin (PMID: 20934411). The predicted MW of ERMN is 33 kDa, while western blot analyses of different tissue lysates using 66605-1-Ig antibody to ERMN detected a 50 kDa single band protein as a result of phosphorylation modification.

Notable Publications

Author	Pubmed ID	Journal	Application
Rafael Alcalá-Vida	36179935	Prog Neurobiol	WB
Yushi Yang	34516348	Bioengineered	IHC

Storage

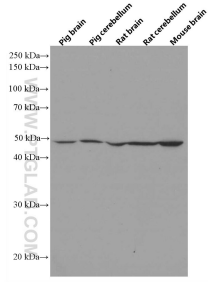
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

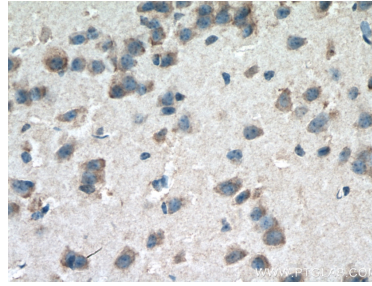
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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

Selected Validation Data



Various tissues were subjected to SDS PAGE followed by western blot with 66605-1-Ig (ERMN antibody) at dilution of 1:3000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded mouse brain tissue slide using 66605-1-Ig (ERMN antibody) at dilution of 1:300 (under 10x lens. Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).