

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 ug/ml by Nanodrop and 1000 ug/ml by Bradford method using BSA as the standard;	GeneID (NCBI): 57471	CloneNo.: 2B1C1
Source: Mouse	UNIPROT ID: Q8TAM6	Recommended Dilutions: WB 1:1000-1:6000 IHC 1:150-1:600
Isotype: IgG2b	Full Name: ermin, ERM-like protein	
Immunogen Catalog Number: AG27040	Observed MW: 50 kDa	

Applications

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

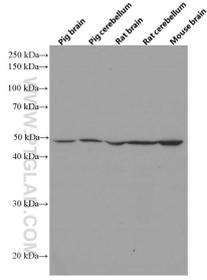
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

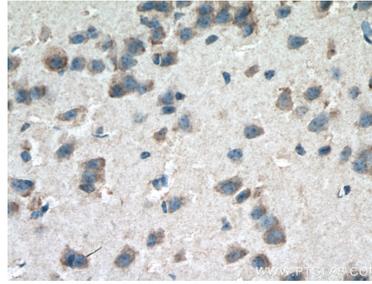
For technical support and original validation data for this product please contact:
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Selected Validation Data



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).