

ERMN Monoclonal antibody, PBS Only

Catalog Number: 66605-1-PBS

Basic Information

Catalog Number: 66605-1-PBS	GenBank Accession Number: BC026345	Purification Method: Protein A purification
Size: 100ug , Concentration: 1 mg/ml by Nanodrop;	GeneID (NCBI): 57471	CloneNo.: 2B1C1
Source: Mouse	UNIPROT ID: Q8TAM6	
Isotype: IgG2b	Full Name: ermin, ERM-like protein	
Immunogen Catalog Number: AG27040	Observed MW: 50 kDa	

Applications

Tested Applications:
WB, IHC, Indirect ELISA

Species Specificity:
Human, mouse, rat, pig

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.

Storage

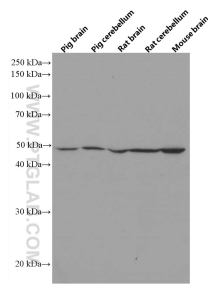
Storage:
Store at -80°C.

Storage Buffer:
PBS Only

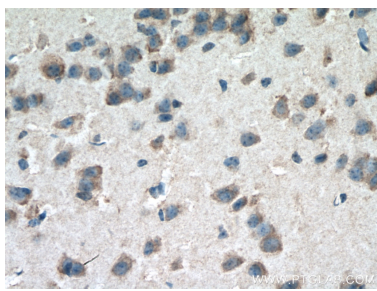
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
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Selected Validation Data



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. This data was developed using the same antibody clone with 66605-1-PBS in a different storage buffer formulation.



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). This data was developed using the same antibody clone with 66605-1-PBS in a different storage buffer formulation.