

For Research Use Only

MAG Recombinant antibody, PBS Only

Catalog Number: 86097-1-PBS



Basic Information

Catalog Number: 86097-1-PBS	GenBank Accession Number: NM_002361.3	Purification Method: Protein A purification
Size: 100ug, Concentration: 1 mg/ml by Nanodrop;	GeneID (NCBI): 4099	CloneNo.: 250555A7
Source: Rabbit	UNIPROT ID: P20916-1	
Isotype: IgG	Full Name: myelin associated glycoprotein	
Immunogen Catalog Number: EG2975	Calculated MW: 69 kDa	
	Observed MW: 100 kDa	

Applications

Tested Applications:
WB, Indirect ELISA

Species Specificity:
human, mouse

Background Information

MAG (myelin associated glycoprotein) is a 100-kDa transmembrane glycoprotein that is a member of the SIGLEC family of proteins. MAG is localized in periaxonal Schwann cell and oligodendroglial membranes of myelin sheaths where it functions in glia-axon interactions (PMID: 17241126). It is a functional ligand for the Nogo-66 receptor (PMID: 12089450). MAG is a cell adhesion molecule for postnatal neural development and is thought to be involved in the process of myelination.

Storage

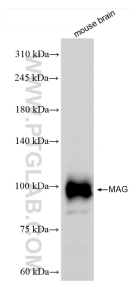
Storage:
Store at -80°C.

Storage Buffer:
PBS only, pH7.3

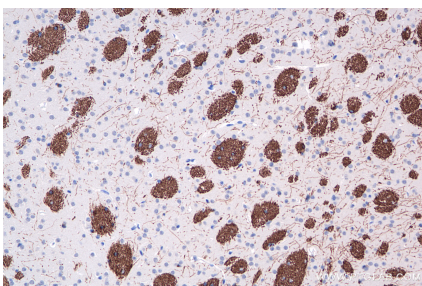
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
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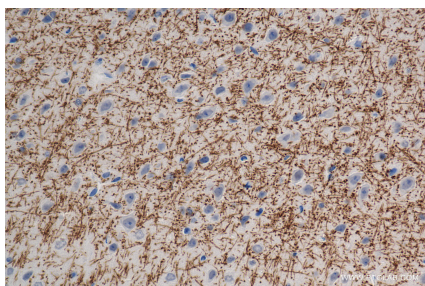
Selected Validation Data



mouse brain tissue were subjected to SDS PAGE followed by western blot with 86097-1-RR (MAG antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 86097-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded mouse brain tissue slide using 86097-1-RR (MAG antibody) at dilution of 1:400 (under 20x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 86097-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded mouse brain tissue slide using 86097-1-RR (MAG antibody) at dilution of 1:400 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 86097-1-PBS in a different storage buffer formulation.