

For Research Use Only

MAG Monoclonal antibody, PBS Only

Catalog Number: 66709-1-PBS



Basic Information

Catalog Number: 66709-1-PBS	GenBank Accession Number: BC053347	Purification Method: Protein G purification
Size: 100ug , Concentration: 1 mg/ml by Nanodrop;	GeneID (NCBI): 4099	CloneNo.: 3H9G3
Source: Mouse	UNIPROT ID: P20916	
Isotype: IgG1	Full Name: myelin associated glycoprotein	
Immunogen Catalog Number: AG6065	Calculated MW: 69 kDa	
	Observed MW: 100 kDa	

Applications

Tested Applications:
WB, IHC, Indirect ELISA

Species Specificity:
Human, Mouse, Rat

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

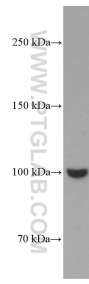
Storage:
Store at -80°C.

Storage Buffer:
PBS Only

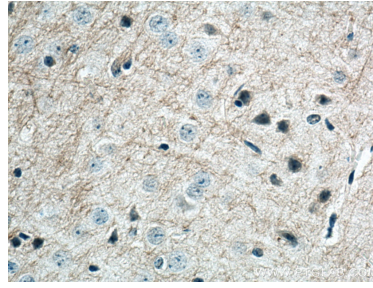
For technical support and original validation data for this product please contact:
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Selected Validation Data



rat brain tissue were subjected to SDS PAGE followed by western blot with 66709-1-Ig (MAG antibody) at dilution of 1:3000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 66709-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded mouse brain tissue slide using 66709-1-Ig (MAG antibody) at dilution of 1:1000 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 66709-1-PBS in a different storage buffer formulation.