

For Research Use Only

MAG Monoclonal antibody

Catalog Number: 66709-1-Ig



Basic Information

Catalog Number: 66709-1-Ig	GenBank Accession Number: BC053347	Purification Method: Protein G purification
Size: 1100 µg/ml	GeneID (NCBI): 4099	CloneNo.: 3H9G3
Source: Mouse	UNIPROT ID: P20916	Recommended Dilutions: WB 1:1000-1:3000 IHC 1:500-1:2000
Isotype: IgG1	Full Name: myelin associated glycoprotein	
Immunogen Catalog Number: AG6065	Calculated MW: 69 kDa	
	Observed MW: 100 kDa	

Applications

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

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

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 -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

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

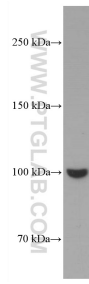
T: 4006900926

E: Proteintech-CN@ptglab.com

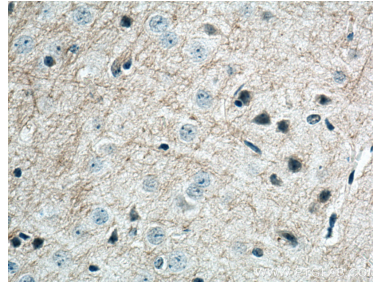
W: ptgcn.com

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

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.



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).