

For Research Use Only

MAG/Siglec-4a Recombinant monoclonal antibody

Catalog Number: 86073-3-RR



Basic Information

Catalog Number:	86073-3-RR	GenBank Accession Number:	NM_017190.4	Purification Method:	Protein A purification
Size:	100ul, Concentration: 1000 µg/ml by Nanodrop;	GenID (NCBI):	29409	CloneNo.:	250740E3
Source:	Rabbit	UNIPROT ID:	P07722-1	Recommended Dilutions:	WB: 1:5000-1:50000 IHC: 1:250-1:1000 IF-P: 1:50-1:500
Isotype:	IgG	Full Name:	myelin-associated glycoprotein		
Immunogen Catalog Number:	EG3251	Calculated MW:	69 kDa		
		Observed MW:	70-100 kDa		

Applications

Tested Applications:
WB, IHC, IF-P, ELISA
Species Specificity:
mouse, rat
Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0

Positive Controls:

WB: rat brain tissue, mouse brain tissue, unboiled rat brain tissue, rat cerebellum tissue, rat spinal cord tissue

IHC: mouse brain tissue, rat brain tissue

IF-P: rat brain tissue,

Storage

Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol, pH7.3
Aliquoting is unnecessary for -20°C storage

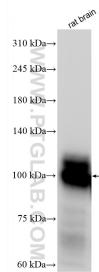
*** 20ul sizes contain 0.1% BSA

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

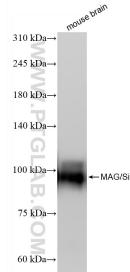
E: proteintech@ptglab.com
W: ptglab.com

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

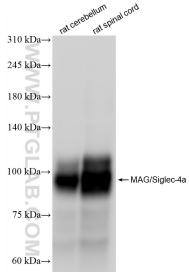
Selected Validation Data



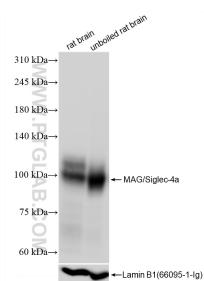
rat brain tissue were subjected to SDS PAGE followed by western blot with 86073-3-RR (MAG/Siglec-4a antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.



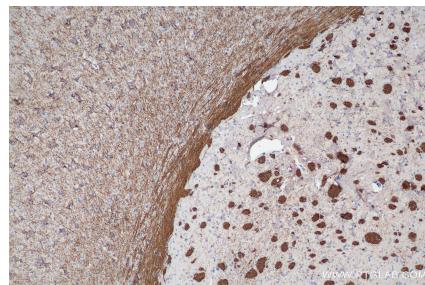
mouse brain tissue were subjected to SDS PAGE followed by western blot with 86073-3-RR (MAG/Siglec-4a antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.



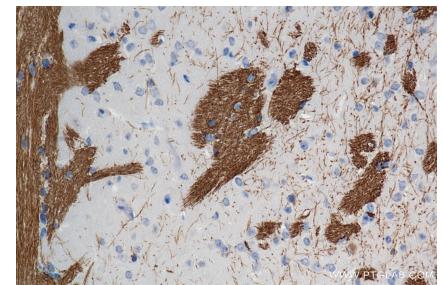
Various lysates were subjected to SDS PAGE followed by western blot with 86073-3-RR (MAG/Siglec-4a antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.



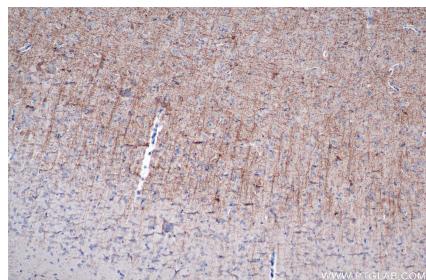
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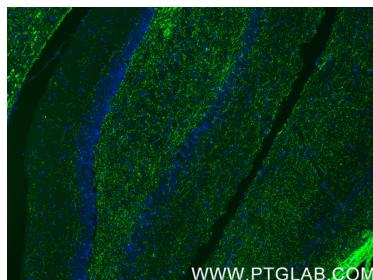
Immunohistochemical analysis of paraffin-embedded mouse brain tissue slide using 86073-3-RR (MAG/Siglec-4a antibody) at dilution of 1:500 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



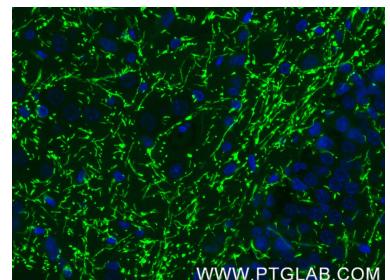
Immunohistochemical analysis of paraffin-embedded mouse brain tissue slide using 86073-3-RR (MAG/Siglec-4a antibody) at dilution of 1:500 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded rat brain tissue slide using 86073-3-RR (MAG/Siglec-4a antibody) at dilution of 1:500 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunofluorescent analysis of (4% PFA) fixed paraffin-embedded rat brain tissue using MAG/Siglec-4a antibody (86073-3-RR, Clone: 250740E3) at dilution of 1:200 and Coralite®488-Conjugated Goat Anti-Rabbit IgG(H+L) (SA00013-2). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunofluorescent analysis of (4% PFA) fixed paraffin-embedded rat brain tissue using MAG/Siglec-4a antibody (86073-3-RR, Clone: 250740E3) at dilution of 1:200 and Coralite®488-Conjugated Goat Anti-Rabbit IgG(H+L) (SA00013-2). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).