

Product Datasheet

MAG/Siglec-4a Antibody (PSH02-42) NBP3-32558

Unit Size: 100 ul

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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NBP3-32558

MAG/Siglec-4a Antibody (PSH02-42)

Product Information	
Unit Size	100 ul
Concentration	1 mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	PSH02-42
Preservative	0.05% Sodium Azide
Isotype	IgG
Purity	Protein A purified
Buffer	PBS (pH7.4), 0.1% BSA and 40% Glycerol
Target Molecular Weight	69 kDa

Product Description	
Host	Rabbit
Gene ID	4099
Gene Symbol	MAG
Species	Human, Mouse, Rat
Immunogen	Recombinant protein within human MAG/Siglec-4a aa 1- 536 / 626. (Uniprot: P20916)

Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Immunohistochemistry
Recommended Dilutions	Western Blot 1:2000, Immunohistochemistry, Immunohistochemistry-Paraffin 1:2000



Images

Western Blot: MAG/Siglec-4a Antibody (PSH02-42) [NBP3-32558] - Western blot analysis of MAG/Siglec-4a on different lysates with Rabbit anti-MAG/Siglec-4a antibody (NBP3-32558) at 1/2,000 dilution.

Lane 1: Mouse brain(no heat) tissue lysate
 Lane 2: Mouse cerebellum tissue lysate
 Lane 3: Mouse liver tissue lysate (negative)
 Lane 4: Rat brain(no heat) tissue lysate
 Lane 5: Rat cerebellum tissue lysate
 Lane 6: Rat liver tissue lysate (negative)

Lysates/proteins at 20 ug/Lane.

Predicted band size: 69 kDa
 Observed band size: 100 kDa

Exposure time: 42 seconds;

4-20% SDS-PAGE gel.

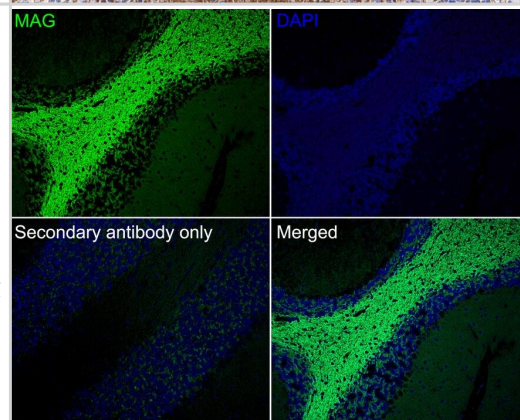
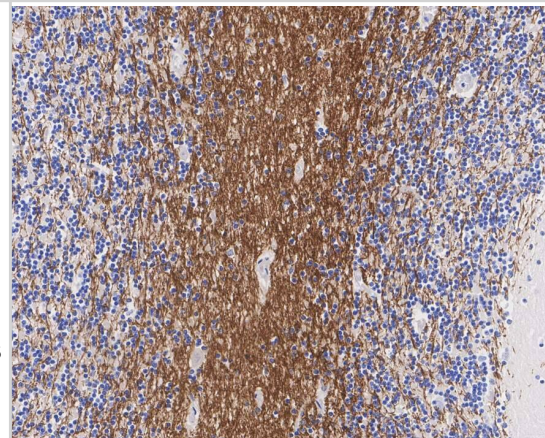
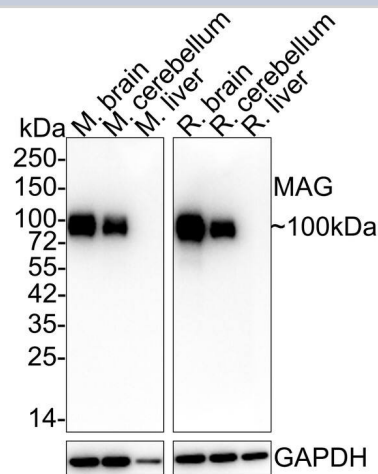
Proteins were transferred to a PVDF membrane and blocked with 5% NFDM/TBST for 1 hour at room temperature. The primary antibody (NBP3-32558) at 1/2,000 dilution was used in 5% NFDM/TBST at room temperature for 2 hours. Goat Anti-Rabbit IgG - HRP Secondary Antibody at 1/50,000 dilution was used for 1 hour at room temperature.

Immunohistochemistry: MAG/Siglec-4a Antibody (PSH02-42) [NBP3-32558] - Immunohistochemical analysis of paraffin-embedded human cerebellum tissue with Rabbit anti-MAG/Siglec-4a antibody (NBP3-32558) at 1/2,000 dilution.

The section was pre-treated using heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0) for 20 minutes. The tissues were blocked in 1% BSA for 20 minutes at room temperature, washed with ddH₂O and PBS, and then probed with the primary antibody (NBP3-32558) at 1/2,000 dilution for 1 hour at room temperature. The detection was performed using an HRP conjugated compact polymer system. DAB was used as the chromogen. Tissues were counterstained with hematoxylin and mounted with DPX.

Immunohistochemistry: MAG/Siglec-4a Antibody (PSH02-42) [NBP3-32558] - Immunofluorescence analysis of paraffin-embedded mouse cerebellum tissue labeling MAG/Siglec-4a with Rabbit anti-MAG/Siglec-4a antibody (NBP3-32558) at 1/200 dilution.

The section was pre-treated using heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0) for 20 minutes. The tissues were blocked in 10% negative goat serum for 1 hour at room temperature, washed with PBS, and then probed with the primary antibody (NBP3-32558, green) at 1/200 dilution overnight at 4 °C, washed with PBS. Goat Anti-Rabbit IgG H&L (iFluor™ 488) was used as the secondary antibody at 1/1,000 dilution. Nuclei were counterstained with DAPI (blue).





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Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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