

Product Datasheet

MAG/Siglec-4a Antibody (PSH02-41) NBP3-32557

Unit Size: 100 ul

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

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NBP3-32557**MAG/Siglec-4a Antibody (PSH02-41)**

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	PSH02-41
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	
Description	Novus Biologicals Rabbit MAG/Siglec-4a Antibody (PSH02-41) (NBP3-32557) is a recombinant monoclonal antibody validated for use in IHC and WB. All Novus Biologicals antibodies are covered by our 100% guarantee.
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 (PSH02-41) [NBP3-32557] - Western blot analysis of MAG/Siglec-4a on different lysates with Rabbit anti-MAG/Siglec-4a antibody (NBP3-32557) 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.

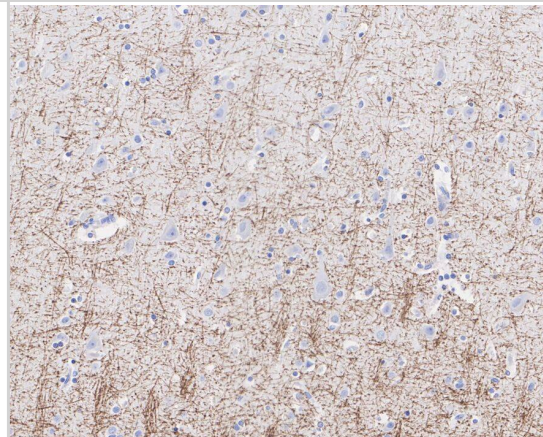
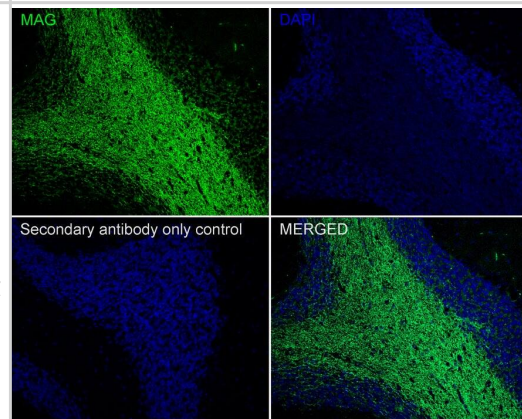
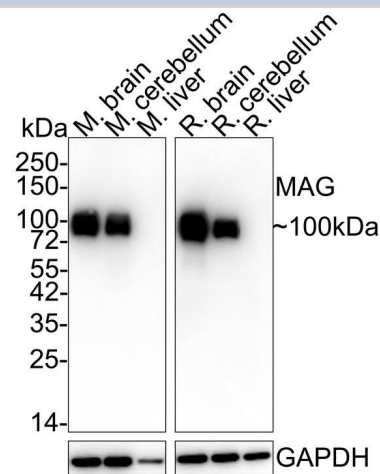
Proteins were transferred to a PVDF membrane and blocked with 5% NFDM/TBST for 1 hour at room temperature. The primary antibody (NBP3-32557) at 1/2,000 dilution was used in 5% NFDM/TBST at room temperature for 2 hours. Goat Anti-Rabbit IgG - HRP Secondary Antibody at 1/50,000 dilution was used for 1 hour at room temperature.

Immunohistochemistry: MAG/Siglec-4a Antibody (PSH02-41) [NBP3-32557] - Immunofluorescence analysis of paraffin-embedded rat cerebellum tissue labeling MAG/Siglec-4a with Rabbit anti-MAG/Siglec-4a antibody (NBP3-32557) 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 (NBP3-32557, 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).

Immunohistochemistry: MAG/Siglec-4a Antibody (PSH02-41) [NBP3-32557] - Immunohistochemical analysis of paraffin-embedded human brain tissue with Rabbit anti-MAG/Siglec-4a antibody (NBP3-32557) 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 (NBP3-32557) 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.





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Products Related to NBP3-32557

NBP2-33376H	Blue Marker Antibody (6F4-F6) [HRP]
HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control

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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