

Product Datasheet

F4/80 Antibody (PSH01-87)

NBP3-32324

Unit Size: 100 ul

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

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NBP3-32324

F4/80 Antibody (PSH01-87)

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	PSH01-87
Preservative	0.05% Sodium Azide
Isotype	IgG
Purity	Protein A purified
Buffer	PBS (pH7.4), 0.1% BSA and 40% Glycerol
Target Molecular Weight	102 kDa

Product Description	
Description	Novus Biologicals Rabbit F4/80 Antibody (PSH01-87) (NBP3-32324) 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	13733
Gene Symbol	Adgre1
Species	Mouse
Immunogen	Recombinant protein within mouse F4/80 aa 1-650 / 931. (Uniprot: Q61549)

Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Immunohistochemistry
Recommended Dilutions	Western Blot 1:1000, Immunohistochemistry, Immunohistochemistry-Paraffin 1:50000



Images

Western Blot: F4/80 Antibody (PSH01-87) [NBP3-32324] - Western blot analysis of F4/80 on different lysates with Rabbit anti-F4/80 antibody (NBP3-32324) at 1/1,000 dilution.

Lane 1: RAW264.7(no heat) cell lysate

Lysates/proteins at 20 ug/Lane.

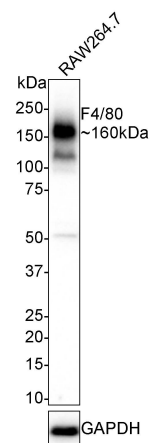
Predicted band size: 102 kDa

Observed band size: 160 kDa

Exposure time: 5 minutes;

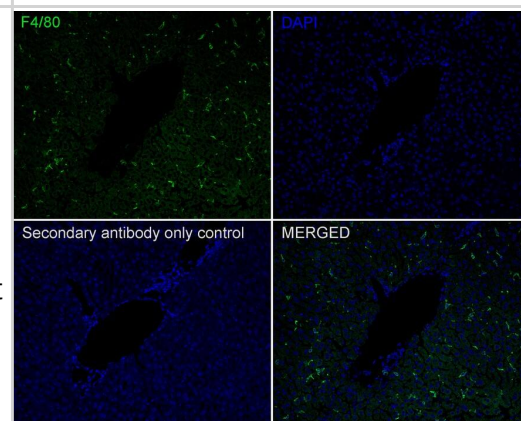
4-20% SDS-PAGE gel.

Proteins were transferred to a PVDF membrane and blocked with 5% NFDM/TBST for 1 hour at room temperature. The primary antibody (NBP3-32324) at 1/1,000 dilution was used in 5% NFDM/TBST at 4°C overnight. Goat Anti-Rabbit IgG - HRP Secondary Antibody at 1/50,000 dilution was used for 1 hour at room temperature.



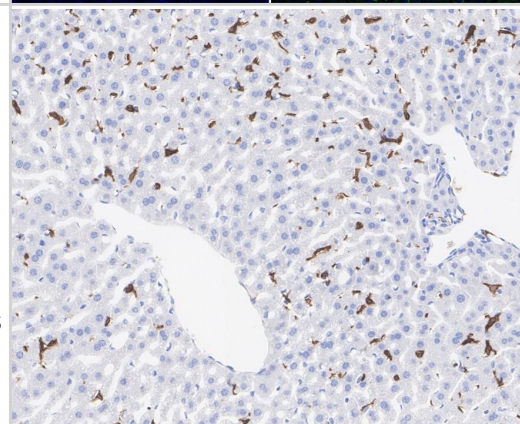
Immunohistochemistry: F4/80 Antibody (PSH01-87) [NBP3-32324] - Immunofluorescence analysis of paraffin-embedded mouse liver tissue labeling F4/80 with Rabbit anti-F4/80 antibody (NBP3-32324) at 1/500 dilution.

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 (NBP3-32324, green) at 1/500 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: F4/80 Antibody (PSH01-87) [NBP3-32324] - Immunohistochemical analysis of paraffin-embedded mouse liver tissue with Rabbit anti-F4/80 antibody (NBP3-32324) at 1/5,000 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 (NBP3-32324) at 1/5,000 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 NBP3-32324

HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control
210-TA-005	TNF-alpha [Unconjugated]

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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