

Product Datasheet

MAVS Antibody (PSH0-30) NBP3-32569

Unit Size: 100 ul

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

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NBP3-32569

MAVS Antibody (PSH0-30)

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	PSH0-30
Preservative	0.05% Sodium Azide
Isotype	IgG
Purity	Protein A purified
Buffer	PBS (pH7.4), 0.1% BSA and 40% Glycerol
Target Molecular Weight	56 kDa
Product Description	
Description	Novus Biologicals Rabbit MAVS Antibody (PSH0-30) (NBP3-32569) is a recombinant monoclonal antibody validated for use in IHC, WB and ICC/IF. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	57506
Gene Symbol	MAVS
Species	Human, Mouse, Rat
Immunogen	Synthetic peptide within human MAVS aa 2-50. (Uniprot: Q7Z434)
Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Immunocytochemistry/Immunofluorescence, Immunohistochemistry
Recommended Dilutions	Western Blot 1:1000, Immunohistochemistry, Immunocytochemistry/Immunofluorescence 1:100, Immunohistochemistry-Paraffin 1:200-1:1000



Images

Western Blot: MAVS Antibody (PSH0-30) [NBP3-32569] - Western blot analysis of MAVS on different lysates with Rabbit anti-MAVS antibody (NBP3-32569) at 1/1,000 dilution.

Lane 1: MCF7 cell lysate
 Lane 2: C2C12 cell lysate
 Lane 3: A431 cell lysate
 Lane 4: HeLa cell lysate
 Lane 5: A549 cell lysate
 Lane 6: Jurkat cell lysate
 Lane 7: THP-1 cell lysate
 Lane 8: NIH/3T3 cell lysate

Lysates/proteins at 10 ug/Lane.

Predicted band size: 56 kDa

Observed band size: 75 kDa

The molecular weight observed is consistent with that described in the literature (PMID: 16125763 and 30460894)

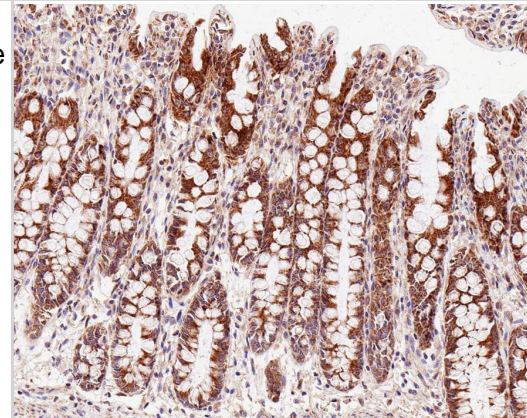
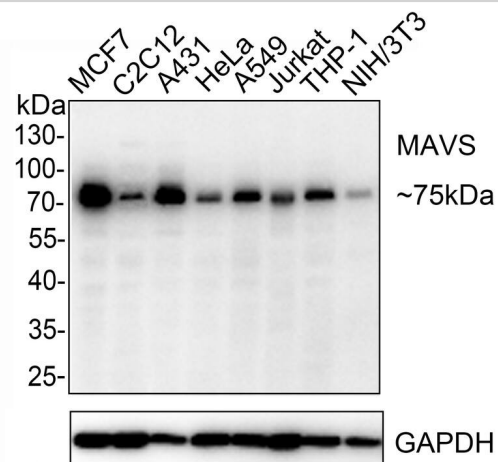
Exposure time: 10S;

10% 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 (NBP3-32569) at 1/1,000 dilution was used in 5% NFDM/TBST at room temperature for 2 hours. Goat Anti-Rabbit IgG - HRP Secondary Antibody at 1:200,000 dilution was used for 1 hour at room temperature.

Immunohistochemistry: MAVS Antibody (PSH0-30) [NBP3-32569] - Immunohistochemical analysis of paraffin-embedded human colon tissue with Rabbit anti-MAVS antibody (NBP3-32569) at 1/200 dilution.

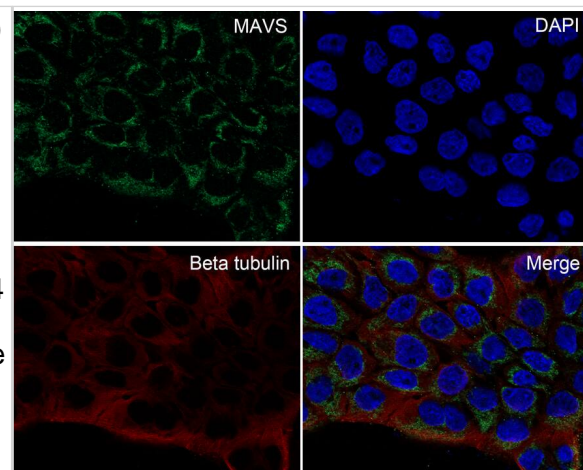
The section was pre-treated using heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0) for 20 minutes. The tissues were blocked in 1% BSA for 20 minutes at room temperature, washed with ddH₂O and PBS, and then probed with the primary antibody (NBP3-32569) at 1/200 dilution for 1 hour at room 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



Immunocytochemistry/ Immunofluorescence: MAVS Antibody (PSH0-30) [NBP3-32569] - Immunocytochemistry analysis of A431 cells labeling MAVS with Rabbit anti-MAVS antibody (NBP3-32569) at 1/100 dilution.

Cells were fixed in 4% paraformaldehyde for 10 minutes at 37 °C, permeabilized with 0.05% Triton X-100 in PBS for 20 minutes, and then blocked with 2% negative goat serum for 30 minutes at room temperature. Cells were then incubated with Rabbit anti-MAVS antibody (NBP3-32569) at 1/100 dilution in 2% negative goat serum overnight at 4 °C. Goat Anti-Rabbit IgG H&L (Alexa Fluor® 488) was used as the secondary antibody at 1/1,000 dilution. Nuclear DNA was labelled in blue with DAPI.

Beta tubulin (red) was stained at 1/100 dilution overnight at +4 °C. Goat Anti-Mouse IgG H&L (Alexa Fluor® 647) were used as the secondary antibody at 1/1,000 dilution.





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Products Related to NBP3-32569

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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