Product Datasheet

MAVS Antibody (PSH01-65)
NBP3-32570

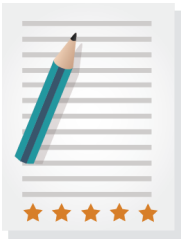
Unit Size: 100 ul

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

www.novusbio.com technical@novusbio.com

Protocols, Publications, Related Products, Reviews, Research Tools and Images at:
www.novusbio.com/NBP3-32570

Updated 8/7/2025 v.20.1



NBP3-32570

MAVS Antibody (PSH01-65)

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	PSH01-65
Preservative	0.05% Sodium Azide
Isotype	IgG
Purity	Protein A purified
Buffer	PBS (pH7.4), 0.05% BSA and 40% Glycerol
Target Molecular Weight	56.5 kDa

Product Description	
Host	Rabbit
Gene ID	57506
Gene Symbol	MAVS
Species	Human
Immunogen	Synthetic peptide within human MAVS aa 450-504 (Cytoplasmic). (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 (PSH01-65) [NBP3-32570] - Western blot analysis of MAVS on different lysates with Rabbit anti-MAVS antibody (NBP3-32570) at 1/1,000 dilution.

Lane 1: MCF7 cell lysate
Lane 2: A431 cell lysate
Lane 3: A549 cell lysate
Lane 4: Jurkat cell lysate
Lane 5: THP-1 cell lysate
Lane 6: HepG2 cell lysate

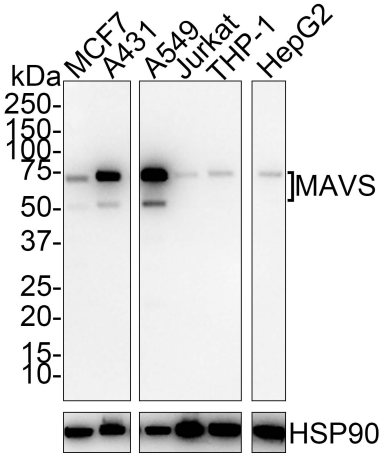
Lysates/proteins at 20 ug/Lane.

Predicted band size: 56.5 kDa
Observed band size: 57/75 kDa

Exposure time: 1 minute 46 seconds;

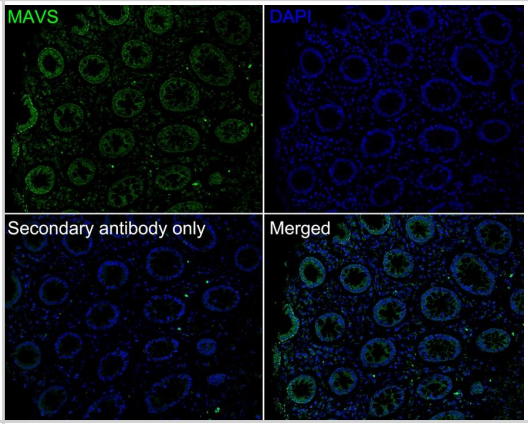
4-20% SDS-PAGE gel.

Proteins were transferred to a PVDF membrane and blocked with 5% NFDM/TBST for 1 hour at room temperature. The primary antibody (NBP3-32570) 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 1/100,000 dilution was used for 1 hour at room temperature.



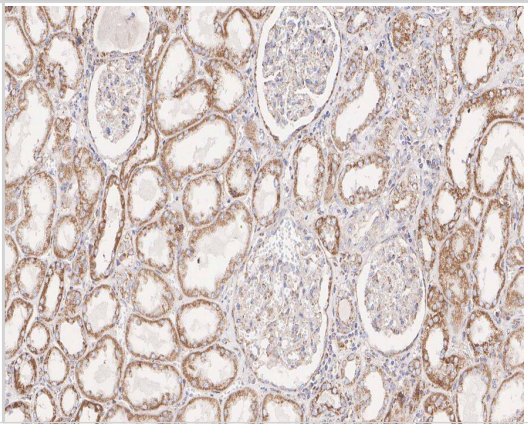
Immunohistochemistry: MAVS Antibody (PSH01-65) [NBP3-32570] - Immunofluorescence analysis of paraffin-embedded human colon tissue labeling MAVS with Rabbit anti-MAVS antibody (NBP3-32570) at 1/200 dilution.

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 (NBP3-32570, green) at 1/200 dilution overnight at 4 □, 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: MAVS Antibody (PSH01-65) [NBP3-32570] - Immunohistochemical analysis of paraffin-embedded human kideny tissue with Rabbit anti-MAVS antibody (NBP3-32570) at 1/1,000 dilution.

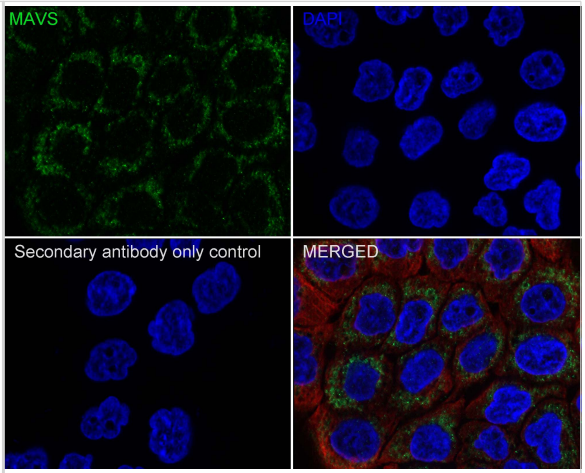
The section was pre-treated using heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0) for 20 minutes. The tissues were blocked in 1% BSA for 20 minutes at room temperature, washed with ddH2O and PBS, and then probed with the primary antibody (NBP3-32570) at 1/1,000 dilution for 1 hour at room 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.



Immunocytochemistry/ Immunofluorescence: MAVS Antibody (PSH01-65) [NBP3-32570] - Immunocytochemistry analysis of A431 cells labeling MAVS with Rabbit anti-MAVS antibody (NBP3-32570) at 1/100 dilution.

Cells were fixed in 4% paraformaldehyde for 20 minutes at room temperature, permeabilized with 0.1% Triton X-100 in PBS for 5 minutes at room temperature, then blocked with 1% BSA in 10% negative goat serum for 1 hour at room temperature. Cells were then incubated with Rabbit anti-MAVS antibody (NBP3-32570) at 1/100 dilution in 1% BSA in PBST overnight at 4 □. Goat Anti-Rabbit IgG H&L (iFluor™ 488) was used as the secondary antibody at 1/1,000 dilution. PBS instead of the primary antibody was used as the secondary antibody only control. Nuclear DNA was labelled in blue with DAPI.

Beta tubulin (red) was stained at 1/100 dilution overnight at +4□. Goat Anti-Mouse IgG H&L (iFluor™ 594) was used as the secondary antibody at 1/1,000 dilution.



Novus Biologicals USA
10730 E. Briarwood Avenue
Centennial, CO 80112
USA
Phone: 303.730.1950
Toll Free: 1.888.506.6887
Fax: 303.730.1966
nb-customerservice@bio-techne.com

Bio-Techne Canada
21 Canmotor Ave
Toronto, ON M8Z 4E6
Canada
Phone: 905.827.6400
Toll Free: 855.668.8722
Fax: 905.827.6402
canada.inquires@bio-techne.com

Bio-Techne Ltd
19 Barton Lane
Abingdon Science Park
Abingdon, OX14 3NB, United Kingdom
Phone: (44) (0) 1235 529449
Free Phone: 0800 37 34 15
Fax: (44) (0) 1235 533420
info.EMEA@bio-techne.com

General Contact Information
www.novusbio.com
Technical Support: nb-technical@bio-techne.com
Orders: nb-customerservice@bio-techne.com
General: novus@novusbio.com

Products Related to NBP3-32570

HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control
NBP2-49691PEP	MAVS Antibody Blocking Peptide

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.

For more information on our 100% guarantee, please visit www.novusbio.com/guarantee

Earn gift cards/discounts by submitting a review: www.novusbio.com/reviews/submit/NBP3-32570

Earn gift cards/discounts by submitting a publication using this product: www.novusbio.com/publications