

Product Datasheet

Mesothelin Antibody (PSH02-30) NBP3-32593

Unit Size: 100 ul

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

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NBP3-32593

Mesothelin Antibody (PSH02-30)

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	PSH02-30
Preservative	0.05% Sodium Azide
Isotype	IgG
Purity	Protein A purified
Buffer	PBS (pH7.4), 0.1% BSA and 40% Glycerol
Target Molecular Weight	68 kDa
Product Description	
Host	Rabbit
Gene ID	10232
Gene Symbol	MSLN
Species	Human
Immunogen	Recombinant protein within human Mesothelin aa 273-622 / 622 (Q13421-3). (Uniprot: Q13421)
Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Immunocytochemistry/Immunofluorescence, Immunohistochemistry
Recommended Dilutions	Western Blot 1:1000, Immunohistochemistry, Immunocytochemistry/Immunofluorescence 1:100, Immunohistochemistry-Paraffin 1:1000



Images

Western Blot: Mesothelin Antibody (PSH02-30) [NBP3-32593] - Western blot analysis of Mesothelin on different lysates with Rabbit anti-Mesothelin antibody (NBP3-32593) at 1/1,000 dilution.

Lane 1: SiHa cell lysate
 Lane 2: NCI-H226 cell lysate
 Lane 3: HeLa cell lysate
 Lane 4: NIH:OVCAR-3 cell lysate
 Lane 5: PC-3M cell lysate (negative)
 Lane 6: A549 cell lysate (negative)

Lysates/proteins at 20 ug/Lane.

Predicted band size: 68 kDa
 Observed band size: 40 kDa

Exposure time: 1 minute 2 seconds;

4-20% SDS-PAGE gel.

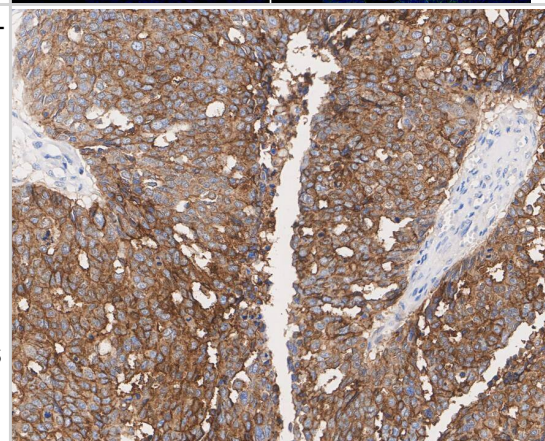
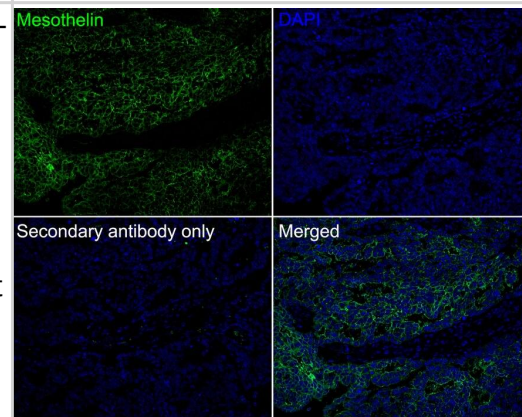
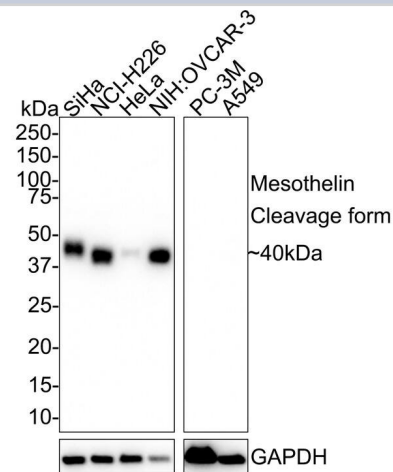
Proteins were transferred to a PVDF membrane and blocked with 5% NFDM/TBST for 1 hour at room temperature. The primary antibody (NBP3-32593) at 1/1,000 dilution was used in 5% NFDM/TBST at room temperature for 2 hours. Goat Anti-Rabbit IgG - HRP Secondary Antibody at 1/50,000 dilution was used for 1 hour at room temperature.

Immunohistochemistry: Mesothelin Antibody (PSH02-30) [NBP3-32593] - Immunofluorescence analysis of paraffin-embedded human ovarian carcinoma tissue labeling Mesothelin with Rabbit anti-Mesothelin antibody (NBP3-32593) at 1/100 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 (NBP3-32593, green) at 1/100 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: Mesothelin Antibody (PSH02-30) [NBP3-32593] - Immunohistochemical analysis of paraffin-embedded human ovarian carcinoma tissue with Rabbit anti-Mesothelin antibody (NBP3-32593) at 1/1,000 dilution.

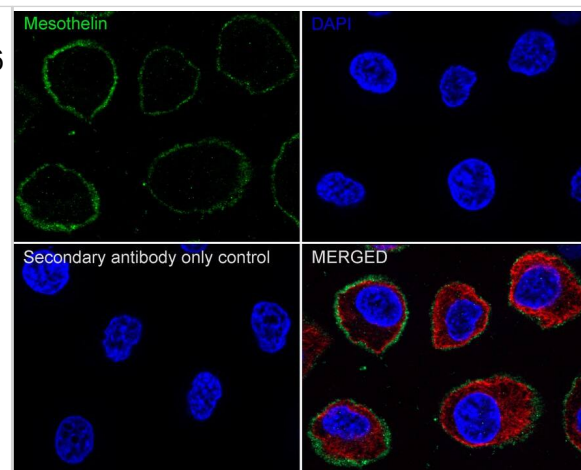
The section was pre-treated using heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0) for 20 minutes. The tissues were blocked in 1% BSA for 20 minutes at room temperature, washed with ddH₂O and PBS, and then probed with the primary antibody (NBP3-32593) at 1/1,000 dilution for 1 hour at room 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: Mesothelin Antibody (PSH02-30) [NBP3-32593] - Immunocytochemistry analysis of NCI-H226 cells labeling Mesothelin with Rabbit anti-Mesothelin antibody (NBP3-32593) 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-Mesothelin antibody (NBP3-32593) at 1/100 dilution in 1% BSA in PBST overnight at 4 °C. 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 °C. Goat Anti-Mouse IgG H&L (iFluor™ 594) was used as the secondary antibody at 1/1,000 dilution.





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Products Related to NBP3-32593

HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control
NBP1-88224PEP	Mesothelin Recombinant Protein Antigen

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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