

Product Datasheet

Cytokeratin 7 Antibody (3-G3-D8-R)

NBP3-32253

Unit Size: 100 ul

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

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NBP3-32253**Cytokeratin 7 Antibody (3-G3-D8-R)**

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	3-G3-D8-R
Preservative	0.05% Sodium Azide
Isotype	IgG1
Purity	Protein A purified
Buffer	PBS (pH7.4), 0.1% BSA and 40% Glycerol
Target Molecular Weight	51 kDa

Product Description	
Description	Novus Biologicals Mouse Cytokeratin 7 Antibody (3-G3-D8-R) (NBP3-32253) is a recombinant monoclonal antibody validated for use in IHC, WB and Flow. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Mouse
Gene ID	3855
Gene Symbol	KRT7
Species	Human
Immunogen	Synthetic peptide within C-terminal human Cytokeratin 7. (Uniprot: P08729)

Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Flow Cytometry, Immunohistochemistry
Recommended Dilutions	Western Blot 1:1000-1:5000, Flow Cytometry 1:500-1:1000, Immunohistochemistry, Immunohistochemistry-Paraffin 1:200-1:1000



Images

Western Blot: Cytokeratin 7 Antibody (3-G3-D8-R) [NBP3-32253] - Western blot analysis of Cytokeratin 7 on different lysates with Mouse anti-Cytokeratin 7 antibody (NBP3-32253) at 1/1,000 dilution.

Lane 1: A549 cell lysate
Lane 2: HepG2 cell lysate
Lane 3: SKOV-3 cell lysate

Lysates/proteins at 10 ug/Lane.

Predicted band size: 51 kDa
Observed band size: 51 kDa

Exposure time: 30 seconds;

4-20% SDS-PAGE gel.

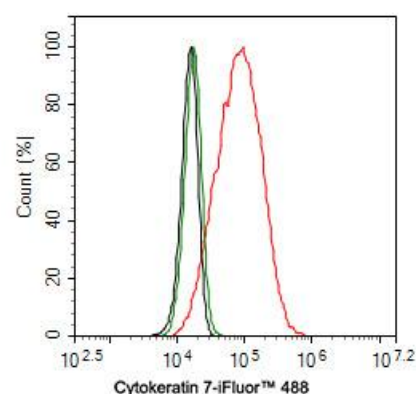
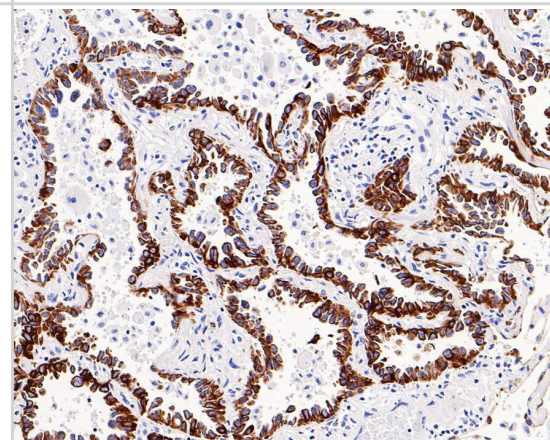
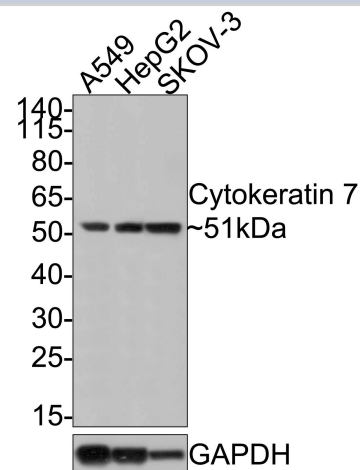
Proteins were transferred to a PVDF membrane and blocked with 5% NFDM/TBST for 1 hour at room temperature. The primary antibody (NBP3-32253) at 1/1,000 dilution was used in 5% NFDM/TBST at room temperature for 2 hours. Goat Anti-Mouse IgG - HRP Secondary Antibody at 1:100,000 dilution was used for 1 hour at room temperature.

Immunohistochemistry: Cytokeratin 7 Antibody (3-G3-D8-R) [NBP3-32253] - Immunohistochemical analysis of paraffin-embedded human lung carcinoma tissue with Mouse anti-Cytokeratin 7 antibody (NBP3-32253) 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 (NBP3-32253) 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.

Flow Cytometry: Cytokeratin 7 Antibody (3-G3-D8-R) [NBP3-32253] - Flow cytometric analysis of Hela cells labeling Cytokeratin 7.

Cells were fixed and permeabilized, and then blocked with 2% negative goat serum for 15 minutes at room temperature. Then stained with the primary antibody (NBP3-32253, 1ug/ml) (red) compared with Mouse IgG1 Isotype Control (green). After incubation of the primary antibody at +4°C for an hour, the cells were stained with a iFluor™ 488 conjugate-Goat anti-Mouse IgG Secondary antibody at 1/1,000 dilution for 30 minutes at +4°C. Unlabelled sample was used as a control (cells without incubation with primary antibody; black).





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Products Related to NBP3-32253

NBP2-33376H	Blue Marker Antibody (6F4-F6) [HRP]
HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB7539	Goat anti-Mouse IgG (H+L) Secondary Antibody [HRP]
NBP1-97005-0.5mg	Mouse IgG1 Isotype Control (MG1)

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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