

# Product Datasheet

## Cytokeratin 16 Antibody (SC52-09) NBP2-67559

Unit Size: 100 ul

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

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Updated 2/24/2026 v.20.1

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**NBP2-67559****Cytokeratin 16 Antibody (SC52-09)**

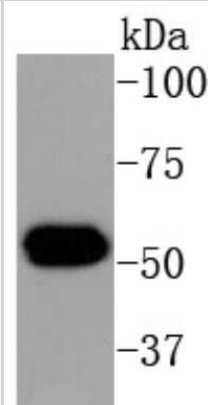
<b>Product Information</b>	
<b>Unit Size</b>	100 ul
<b>Concentration</b>	1 mg/ml
<b>Storage</b>	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
<b>Clonality</b>	Monoclonal
<b>Clone</b>	SC52-09
<b>Preservative</b>	0.05% Sodium Azide
<b>Isotype</b>	IgG
<b>Purity</b>	Protein A purified
<b>Buffer</b>	TBS (pH7.4), 0.05% BSA, 40% Glycerol

<b>Product Description</b>	
<b>Description</b>	Novus Biologicals Rabbit Cytokeratin 16 Antibody (SC52-09) (NBP2-67559) is a recombinant monoclonal antibody validated for use in IHC, WB, Flow and ICC/IF. All Novus Biologicals antibodies are covered by our 100% guarantee.
<b>Host</b>	Rabbit
<b>Gene ID</b>	3868
<b>Gene Symbol</b>	KRT16
<b>Species</b>	Human
<b>Immunogen</b>	Synthetic peptide within huamn Cytokeratin 16 aa 27-75 / 473. (SwissProt: P08779 Human)

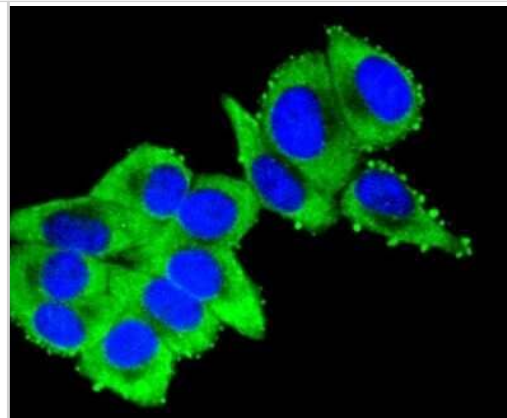
<b>Product Application Details</b>	
<b>Applications</b>	Western Blot, Immunohistochemistry-Paraffin, Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry
<b>Recommended Dilutions</b>	Western Blot 1:500-1:2000, Flow Cytometry 1:50-1:100, Immunohistochemistry, Immunocytochemistry/ Immunofluorescence 1:50-1:200, Immunohistochemistry-Paraffin 1:50-1:200

**Images**

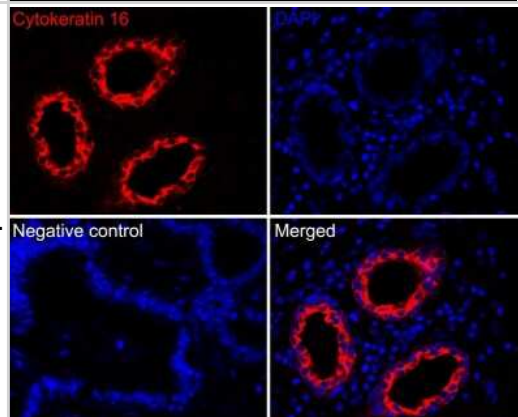
Western Blot: Cytokeratin 16 Antibody (SC52-09) [NBP2-67559] - Analysis of Cytokeratin 16 on human skin lysates using anti-Cytokeratin 16 antibody at 1/1,000 dilution.



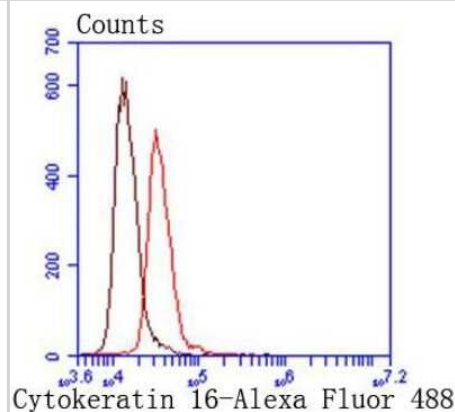
Immunocytochemistry/Immunofluorescence: Cytokeratin 16 Antibody (SC52-09) [NBP2-67559] - Staining Cytokeratin 16 in HepG2 cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.



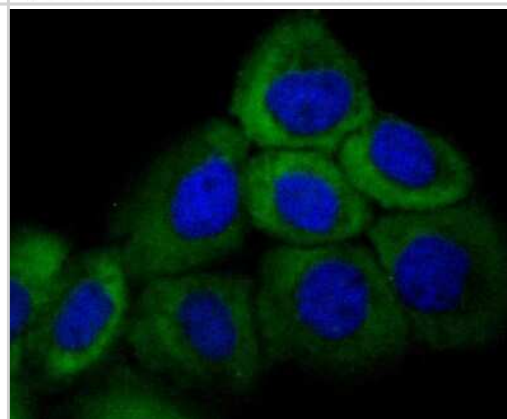
Immunohistochemistry-Paraffin: Cytokeratin 16 Antibody (SC52-09) [NBP2-67559] - Immunofluorescence analysis of paraffin-embedded human breast tissue labeling Cytokeratin 16 with Rabbit anti-Cytokeratin 16 antibody washed with PBS, and then probed with the primary antibody (red) at 1/200 dilution overnight at 4 , washed with PBS. Goat Anti-Rabbit IgG H&L (iFluor(TM) 594) was used as the secondary antibody at 1/1,000 dilution. Nuclei were counterstained with DAPI (blue).



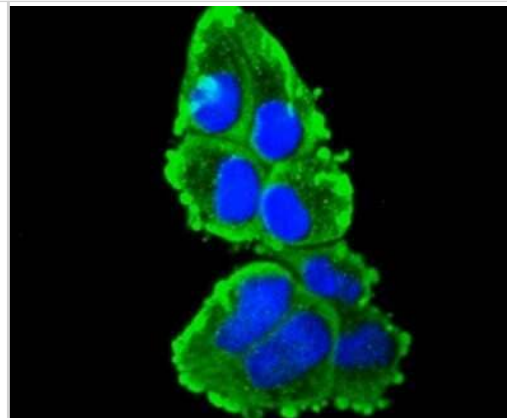
Flow Cytometry: Cytokeratin 16 Antibody (SC52-09) [NBP2-67559] - Analysis of HepG2 cells with Cytokeratin 16 antibody at 1/50 dilution (red) compared with an unlabelled control (cells without incubation with primary antibody; black). Alexa Fluor 488-conjugated goat anti rabbit IgG was used as the secondary antibody.



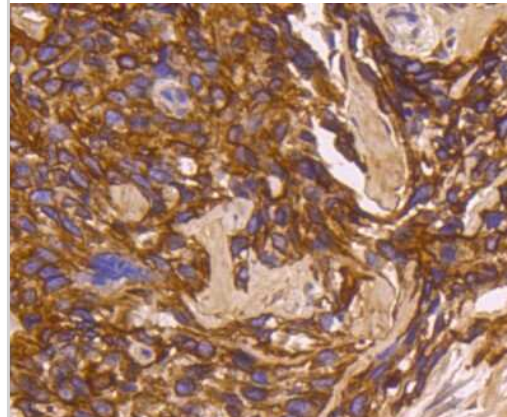
Immunocytochemistry/Immunofluorescence: Cytokeratin 16 Antibody (SC52-09) [NBP2-67559] - Staining Cytokeratin 16 in A431 cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.



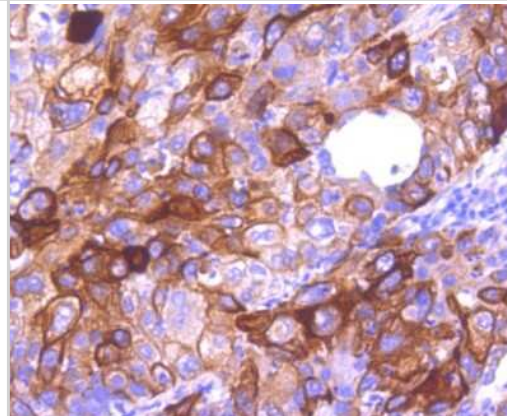
Immunocytochemistry/Immunofluorescence: Cytokeratin 16 Antibody (SC52-09) [NBP2-67559] - Staining Cytokeratin 16 in Hela cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.



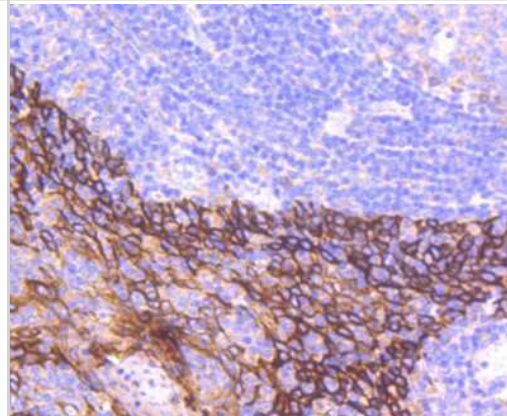
Immunohistochemistry-Paraffin: Cytokeratin 16 Antibody (SC52-09) [NBP2-67559] - Analysis of paraffin-embedded human breast carcinoma tissue using anti-Cytokeratin 16 antibody. Counter stained with hematoxylin.



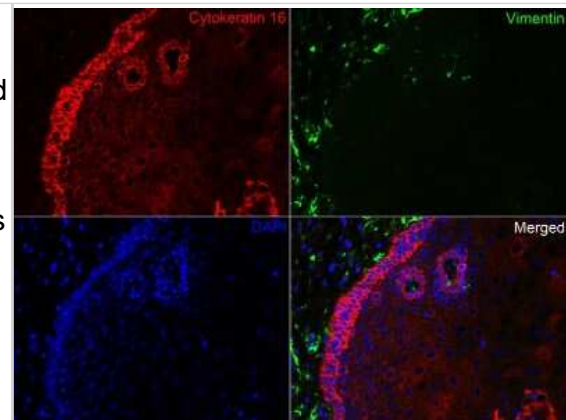
Immunohistochemistry-Paraffin: Cytokeratin 16 Antibody (SC52-09) [NBP2-67559] - Analysis of paraffin-embedded human lung cancer tissue using anti-Cytokeratin 16 antibody. Counter stained with hematoxylin.



Immunohistochemistry-Paraffin: Cytokeratin 16 Antibody (SC52-09) [NBP2-67559] - Analysis of paraffin-embedded human tonsil tissue using anti-Cytokeratin 16 antibody. Counter stained with hematoxylin.



Immunohistochemistry-Paraffin: Cytokeratin 16 Antibody (SC52-09) [NBP2-67559] - Immunofluorescence analysis of paraffin-embedded human esophagus tissue labeling Cytokeratin 16 (washed with PBS. And then probed with the primary antibodies Cytokeratin 16 (red) at 1/200 dilution and Vimentin (green) at 1/400 dilution at +4 overnight, washed with PBS. Goat Anti-Rabbit IgG H&L (iFluor(TM) 594) and Goat Anti-Mouse IgG H&L (iFluor(TM) 488) were used as the secondary antibodies at 1/1,000 dilution. Nuclei were counterstained with DAPI (blue).





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### **Products Related to NBP2-67559**

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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

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### **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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