

Product Datasheet

Cytokeratin 14 Antibody (SC65-06) NBP2-67585

Unit Size: 100 ul

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

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Publications: 3

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NBP2-67585**Cytokeratin 14 Antibody (SC65-06)**

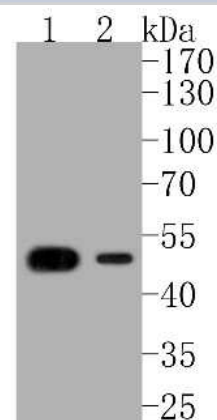
Product Information	
Unit Size	100 ul
Concentration	1 mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	SC65-06
Preservative	0.05% Sodium Azide
Isotype	IgG
Purity	Protein A purified
Buffer	TBS (pH7.4), 0.05% BSA, 40% Glycerol

Product Description	
Description	Novus Biologicals Rabbit Cytokeratin 14 Antibody (SC65-06) (NBP2-67585) is a recombinant monoclonal antibody validated for use in IHC, WB and ICC/IF. Anti-Cytokeratin 14 Antibody: Cited in 3 publications. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	3861
Gene Symbol	KRT14
Species	Human, Mouse, Rat
Immunogen	Recombinant protein within Mouse Cytokeratin 14 aa 250-484 / 484. (SwissProt: P02533 Human; SwissProt: Q61781 Mouse; SwissProt: Q6IFV1 Rat)

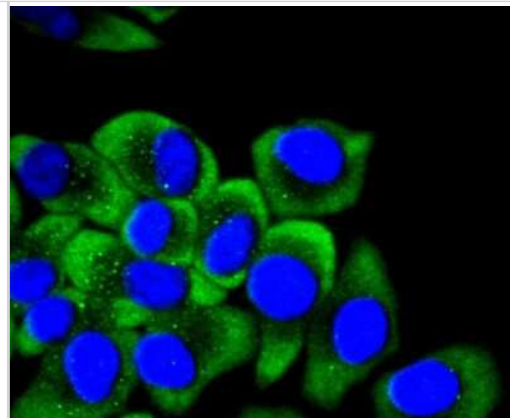
Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Immunocytochemistry/Immunofluorescence, Immunohistochemistry
Recommended Dilutions	Western Blot 1:500-1:2000, Immunohistochemistry, Immunocytochemistry/Immunofluorescence 1:100-1:500, Immunohistochemistry-Paraffin 1:100-1:500

Images

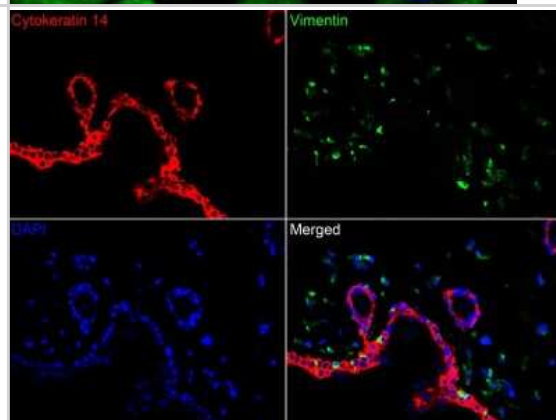
Western Blot: Cytokeratin 14 Antibody (SC65-06) [NBP2-67585] - Western blot analysis of Cytokeratin 14 on different lysates. Proteins were transferred to a PVDF membrane and blocked with 5% BSA in PBS for 1 hour at room temperature. The primary antibody (1/500) was used in 5% BSA at room temperature for 2 hours. Goat



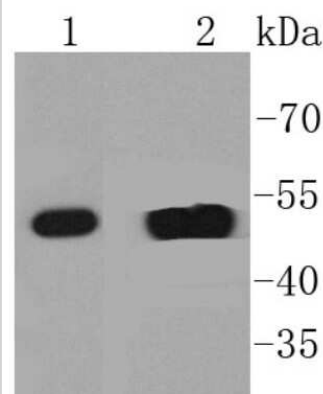
Immunocytochemistry/Immunofluorescence: Cytokeratin 14 Antibody (SC65-06) [NBP2-67585] - Staining Cytokeratin 14 in HepG2 cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.



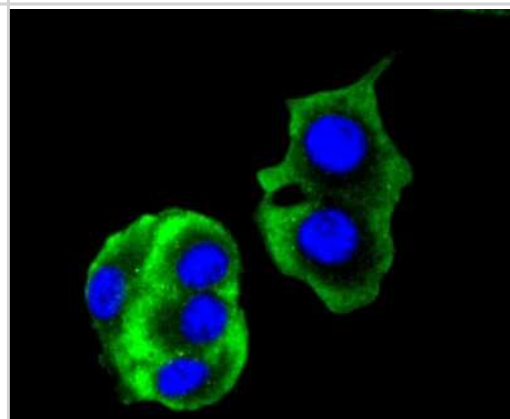
Immunohistochemistry-Paraffin: Cytokeratin 14 Antibody (SC65-06) [NBP2-67585] - Immunofluorescence analysis of paraffin-embedded rat skin tissue labeling Cytokeratin 14 (washed with PBS. And then probed with the primary antibodies Cytokeratin 14 (red) at 1/400 dilution and Vimentin (green) at 1/400 dilution 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).



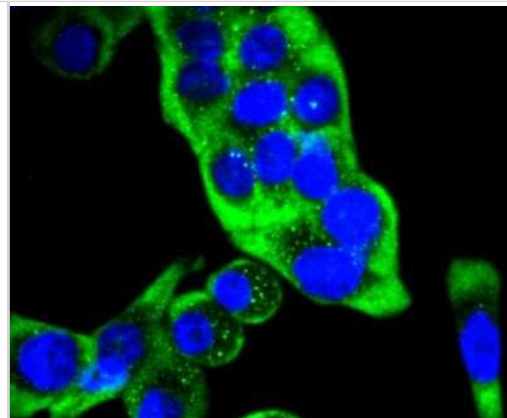
Western Blot: Cytokeratin 14 Antibody (SC65-06) [NBP2-67585] - Analysis of Cytokeratin 14 on different lysates using anti-Cytokeratin 14 antibody at 1/1,000 dilution. Positive control: Lane 1: A431 Lane 2: Human skin



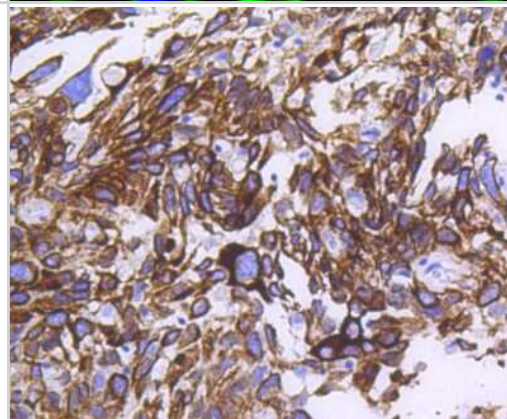
Immunocytochemistry/Immunofluorescence: Cytokeratin 14 Antibody (SC65-06) [NBP2-67585] - Staining Cytokeratin 14 in B16-F1 cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.



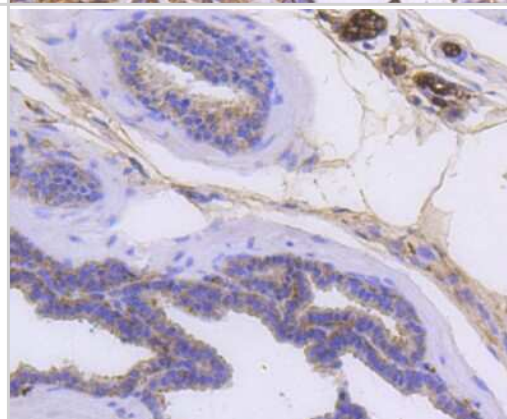
Immunocytochemistry/Immunofluorescence: Cytokeratin 14 Antibody (SC65-06) [NBP2-67585] - Staining Cytokeratin 14 in SW480 cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.



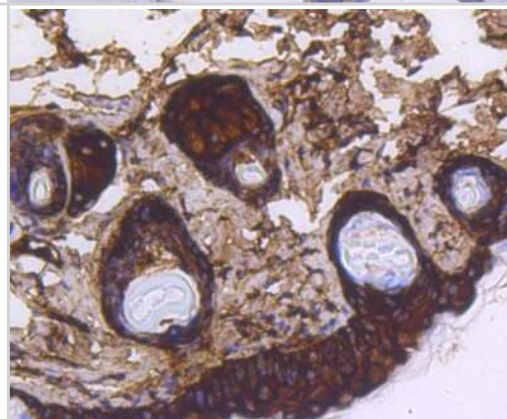
Immunohistochemistry-Paraffin: Cytokeratin 14 Antibody (SC65-06) [NBP2-67585] - Analysis of paraffin-embedded human breast carcinoma tissue using anti-Cytokeratin 14 antibody. Counter stained with hematoxylin.



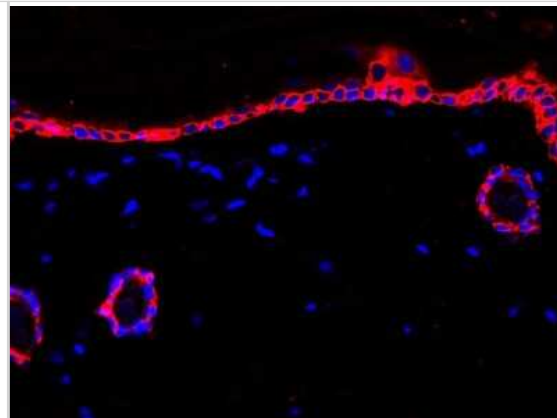
Immunohistochemistry-Paraffin: Cytokeratin 14 Antibody (SC65-06) [NBP2-67585] - Analysis of paraffin-embedded mouse prostate tissue using anti-Cytokeratin 14 antibody. Counter stained with hematoxylin.



Immunohistochemistry-Paraffin: Cytokeratin 14 Antibody (SC65-06) [NBP2-67585] - Analysis of paraffin-embedded mouse skin tissue using anti-Cytokeratin 14 antibody. Counter stained with hematoxylin.



Immunohistochemistry-Paraffin: Cytokeratin 14 Antibody (SC65-06) [NBP2-67585] - Immunofluorescence analysis of paraffin-embedded rat skin tissue labeling Cytokeratin 14 (washed with PBS. And then probed with the primary antibodies Cytokeratin 14 (red) at 1/500 dilution at +4 overnight, washed with PBS. Goat Anti-Rabbit IgG H&L (iFluor(TM) 594) was used as the secondary antibodies at 1/1,000 dilution. Nuclei were counterstained with DAPI (blue).



Publications

Dejin Zheng, Ahmed A Elnegiry, Chenxiang Luo, Mohammed Amine Bendahou, Liangqi Xie, Diana Bell, Yoko Takahashi, Ehab Hanna, George I Mias, Mayra F Tsoi, Bin Gu Brd4::Nutm1 fusion gene initiates NUT carcinoma in vivo Life Science Alliance 2024-05-09 [PMID: 38724194]

Weng Y, Wang H, Wu D et al. A novel lineage of osteoprogenitor cells with dual epithelial and mesenchymal properties govern maxillofacial bone homeostasis and regeneration after MSFL Cell research 2022-07-12 [PMID: 35821090] (IHC-P, Mouse, Human)

Supp DM, Hahn JM, Combs KA et al. Isolation and feeder-free primary culture of four cell types from a single human skin sample STAR protocols 2022-03-18 [PMID: 35199036]



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Products Related to NBP2-67585

HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control
NBP1-72467-100ug	Recombinant Human Cytokeratin 14 His Protein

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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