

# 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.

[www.novusbio.com](http://www.novusbio.com)



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

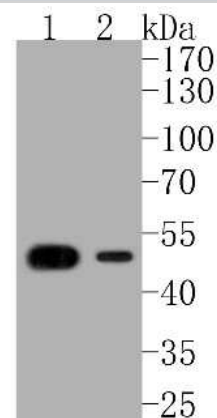
Product Information	
Unit Size	100 ul
Concentration	1 mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	SC65-06
Preservative	0.05% Sodium Azide
Isotype	IgG
Purity	Protein A purified
Buffer	TBS (pH7.4), 0.05% BSA, 40% Glycerol

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)

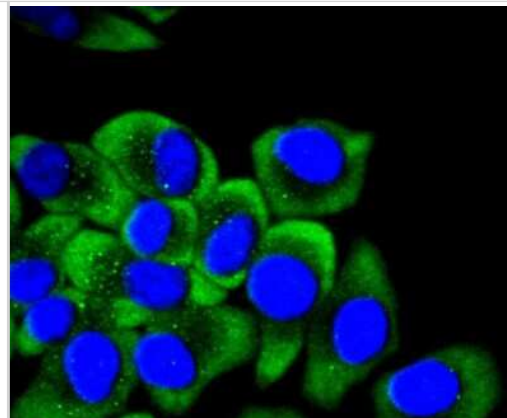
Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Immunocytochemistry/Immunofluorescence, Immunohistochemistry
Recommended Dilutions	Western Blot 1:500-1:2000, Immunohistochemistry, Immunocytochemistry/Immunofluorescence 1:100-1:500, Immunohistochemistry-Paraffin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

**Images**

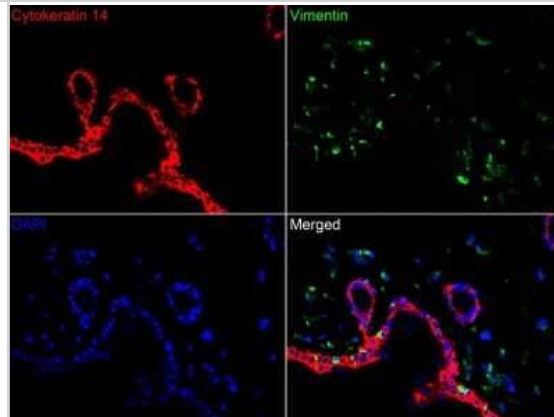
Western Blot: Cytokeratin 14 Antibody (SC65-06) [NBP2-67585] - Western blot analysis of Cytokeratin 14 on different lysates. Proteins were transferred to a PVDF membrane and blocked with 5% BSA in PBS for 1 hour at room temperature. The primary antibody (1/500) was used in 5% BSA at room temperature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



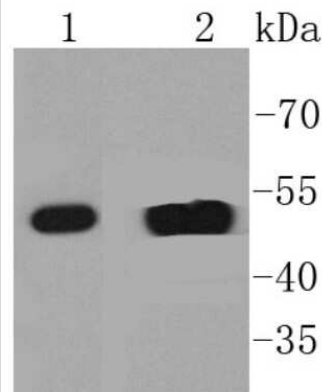
Immunocytochemistry/Immunofluorescence: Cytokeratin 14 Antibody (SC65-06) [NBP2-67585] - Staining Cytokeratin 14 in HepG2 cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.



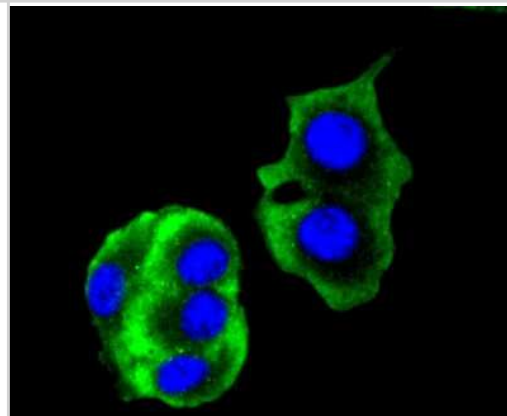
Immunohistochemistry-Paraffin: Cytokeratin 14 Antibody (SC65-06) [NBP2-67585] - Immunofluorescence analysis of paraffin-embedded rat skin tissue labeling Cytokeratin 14 (washed with PBS. And then probed with the primary antibodies Cytokeratin 14 (red) at 1/400 dilution and Vimentin (green) at 1/400 dilution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



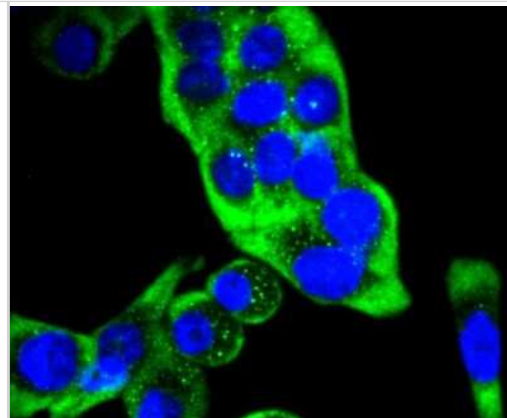
Western Blot: Cytokeratin 14 Antibody (SC65-06) [NBP2-67585] - Analysis of Cytokeratin 14 on different lysates using anti-Cytokeratin 14 antibody at 1/1,000 dilution. Positive control: Lane 1: A431 Lane 2: Human skin



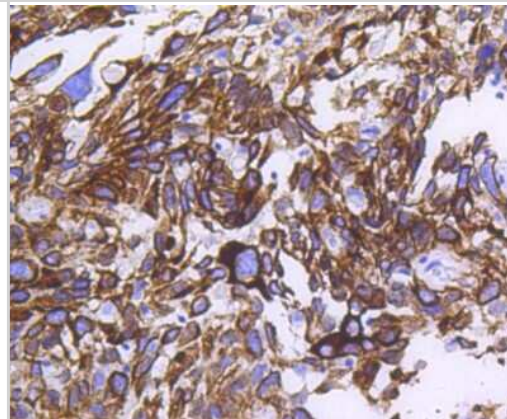
Immunocytochemistry/Immunofluorescence: Cytokeratin 14 Antibody (SC65-06) [NBP2-67585] - Staining Cytokeratin 14 in B16-F1 cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.



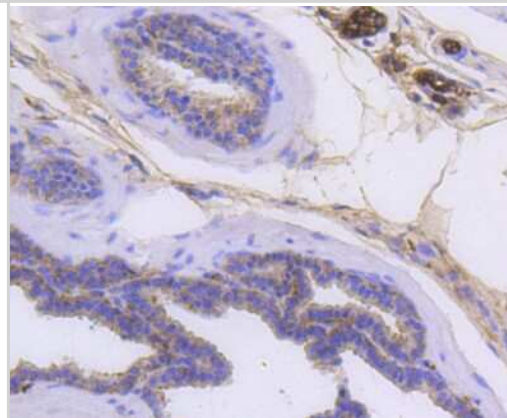
Immunocytochemistry/Immunofluorescence: Cytokeratin 14 Antibody (SC65-06) [NBP2-67585] - Staining Cytokeratin 14 in SW480 cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.



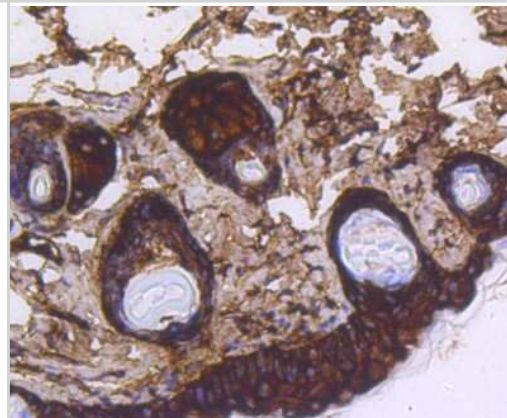
Immunohistochemistry-Paraffin: Cytokeratin 14 Antibody (SC65-06) [NBP2-67585] - Analysis of paraffin-embedded human breast carcinoma tissue using anti-Cytokeratin 14 antibody. Counter stained with hematoxylin.



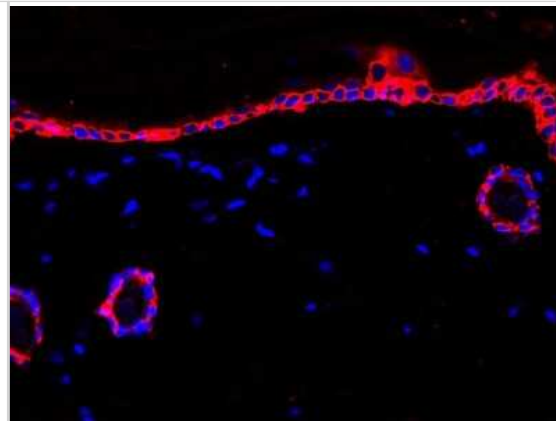
Immunohistochemistry-Paraffin: Cytokeratin 14 Antibody (SC65-06) [NBP2-67585] - Analysis of paraffin-embedded mouse prostate tissue using anti-Cytokeratin 14 antibody. Counter stained with hematoxylin.



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**

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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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