

# Product Datasheet

## Cytokeratin 1 Antibody (SN72-08) NBP2-67681

Unit Size: 100 ul

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

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**NBP2-67681****Cytokeratin 1 Antibody (SN72-08)**

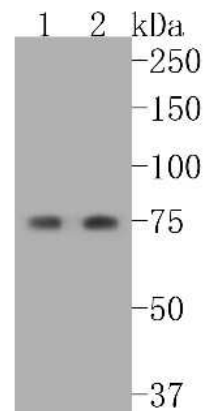
Product Information	
<b>Unit Size</b>	100 ul
<b>Concentration</b>	1 mg/ml
<b>Storage</b>	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
<b>Clonality</b>	Monoclonal
<b>Clone</b>	SN72-08
<b>Preservative</b>	0.05% Sodium Azide
<b>Isotype</b>	IgG
<b>Purity</b>	Protein A purified
<b>Buffer</b>	TBS (pH7.4), 0.05% BSA, 40% Glycerol

Product Description	
<b>Description</b>	Novus Biologicals Rabbit Cytokeratin 1 Antibody (SN72-08) (NBP2-67681) is a recombinant monoclonal antibody validated for use in IHC, WB and ICC/IF. All Novus Biologicals antibodies are covered by our 100% guarantee.
<b>Host</b>	Rabbit
<b>Gene ID</b>	3848
<b>Gene Symbol</b>	KRT1
<b>Species</b>	Human, Mouse, Rat
<b>Immunogen</b>	Synthetic peptide within mouse Cytokeratin 1 aa 586-637 / 637. (SwissProt: P04264 Human; SwissProt: P04104 Mouse; SwissProt: Q6IMF3 Rat)

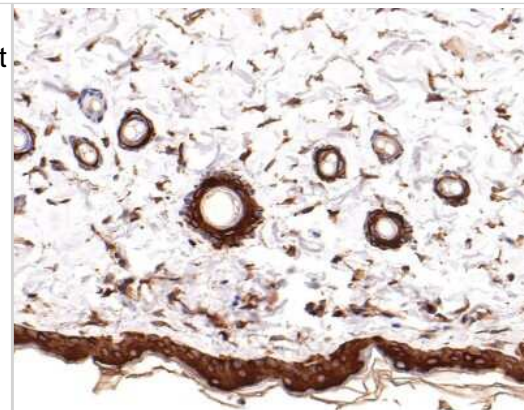
Product Application Details	
<b>Applications</b>	Western Blot, Immunohistochemistry-Paraffin, Immunocytochemistry/Immunofluorescence, Immunohistochemistry
<b>Recommended Dilutions</b>	Western Blot 1:500-1:1000, Immunohistochemistry, Immunocytochemistry/Immunofluorescence 1:200, Immunohistochemistry-Paraffin 1:100-1:500

**Images**

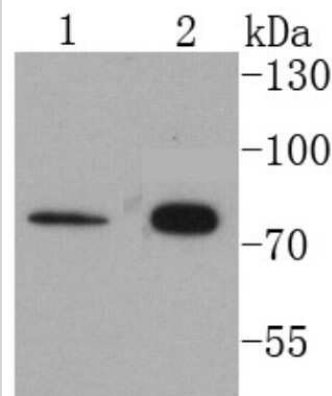
Western Blot: Cytokeratin 1 Antibody (SN72-08) [NBP2-67681] - Western blot analysis of Cytokeratin 1 on different lysates. Proteins were transferred to a PVDF membrane and blocked with 5% BSA in PBS for 1 hour at room temperature. The primary antibody (1/500) was used in 5% BSA at room temperature for 2 hours. Goat



Immunohistochemistry-Paraffin: Cytokeratin 1 Antibody (SN72-08) [NBP2-67681] - Analysis of paraffin-embedded rat skin tissue with Rabbit anti-Cytokeratin 1 antibody washed with ddH<sub>2</sub>O and PBS, and then probed with the primary antibody at 1/400 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.



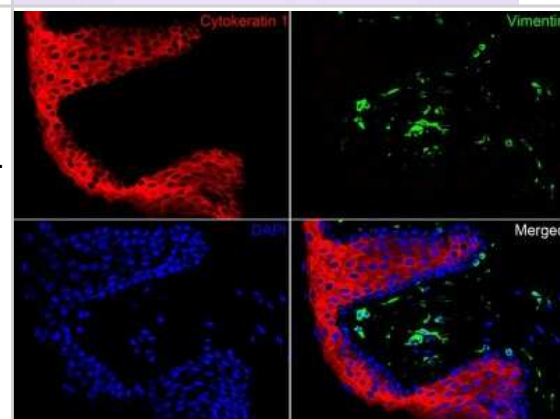
Western Blot: Cytokeratin 1 Antibody (SN72-08) [NBP2-67681] - Analysis of Cytokeratin 1 on different lysates using anti-Cytokeratin 1 antibody at 1/1,000 dilution. Positive control: Lane 1: 293T Lane 2: Hela



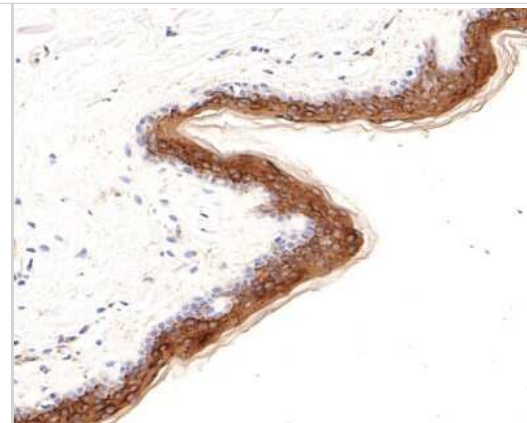
Immunohistochemistry-Paraffin: Cytokeratin 1 Antibody (SN72-08) [NBP2-67681] - Analysis of paraffin-embedded mouse skin tissue using anti-Cytokeratin 1 antibody. Counter stained with hematoxylin.



Immunohistochemistry-Paraffin: Cytokeratin 1 Antibody (SN72-08) [NBP2-67681] - Immunofluorescence analysis of paraffin-embedded human skin tissue labeling Cytokeratin 1 (washed with PBS. And then probed with the primary antibodies Cytokeratin 1 (red) at 1/200 dilution and Vimentin (green) at 1/200 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).



Immunohistochemistry-Paraffin: Cytokeratin 1 Antibody (SN72-08) [NBP2-67681] - Analysis of paraffin-embedded human skin tissue using anti-Cytokeratin 1 antibody. 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 5% BSA for 30 minutes at room temperature, washed with ddH<sub>2</sub>O and PBS, and then probed with the primary antibody (1/400) for 30 minutes 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.





### **Novus Biologicals USA**

10730 E. Briarwood Avenue  
Centennial, CO 80112  
USA  
Phone: 303.730.1950  
Toll Free: 1.888.506.6887  
Fax: 303.730.1966  
nb-customerservice@bio-techne.com

### **Bio-Techne Canada**

21 Canmotor Ave  
Toronto, ON M8Z 4E6  
Canada  
Phone: 905.827.6400  
Toll Free: 855.668.8722  
Fax: 905.827.6402  
canada.inquires@bio-techne.com

### **Bio-Techne Ltd**

19 Barton Lane  
Abingdon Science Park  
Abingdon, OX14 3NB, United Kingdom  
Phone: (44) (0) 1235 529449  
Free Phone: 0800 37 34 15  
Fax: (44) (0) 1235 533420  
info.EMEA@bio-techne.com

### **General Contact Information**

www.novusbio.com  
Technical Support: nb-technical@bio-techne.com  
Orders: nb-customerservice@bio-techne.com  
General: novus@novusbio.com

### **Products Related to NBP2-67681**

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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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