

# Product Datasheet

## Cytokeratin 20 Antibody (SA35-03) NBP2-67309

Unit Size: 100 ul

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

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**NBP2-67309****Cytokeratin 20 Antibody (SA35-03)**

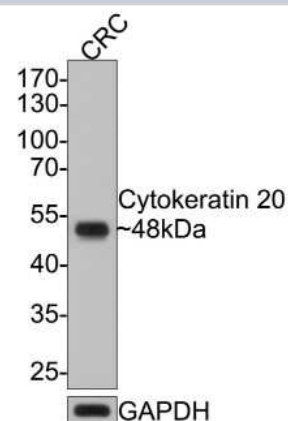
Product Information	
Unit Size	100 ul
Concentration	1 mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	SA35-03
Preservative	0.05% Sodium Azide
Isotype	IgG
Purity	Protein A purified
Buffer	TBS (pH7.4), 0.05% BSA, 40% Glycerol

Product Description	
Host	Rabbit
Gene ID	54474
Gene Symbol	KRT20
Species	Human, Rat
Immunogen	Synthetic peptide within Human Cytokeratin 20 aa 375-424 / 424. (SwissProt: P35900 Human; SwissProt: P25030 Rat)

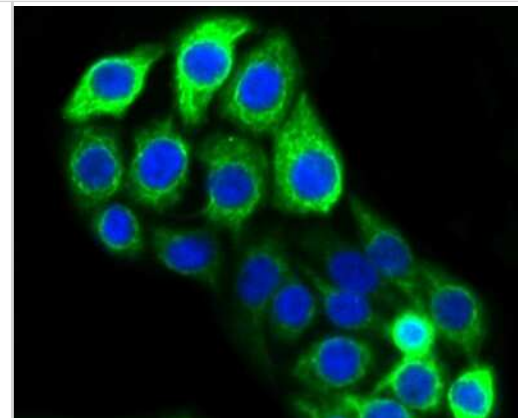
Product Application Details	
Applications	Western Blot, Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin, Immunoprecipitation
Recommended Dilutions	Western Blot 1:500-1:5000, Flow Cytometry 1:50, Immunohistochemistry, Immunocytochemistry/ Immunofluorescence 1:50-1:200, Immunoprecipitation, Immunohistochemistry-Paraffin 1:50-1:200

**Images**

Western Blot: Cytokeratin 20 Antibody (SA35-03) [NBP2-67309] - Analysis of Cytokeratin 20 on CRC cell lysates with Rabbit anti-Cytokeratin 20 antibody at 1/5,000 dilution. Lysates/proteins at 10 ug/Lane. Predicted band size: 48 kDa Observed band size: 48 kDa Exposure time: 30 seconds; 10% 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 at 1/5,000 dilution was used in 5% NFDM/TBST at room temperature for 2 hours. Goat Anti-Rabbit IgG - HRP Secondary Antibody at 1:300,000 dilution was used for 1 hour at room temperature.



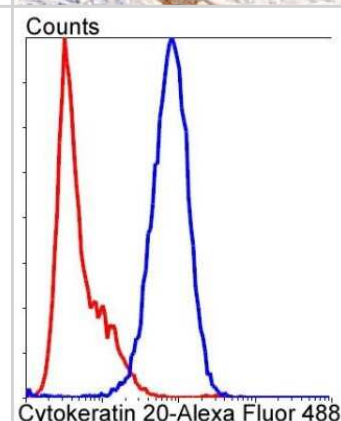
**Immunocytochemistry/Immunofluorescence: Cytokeratin 20 Antibody (SA35-03) [NBP2-67309]** - Staining Cytokeratin 20 in CRC cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.



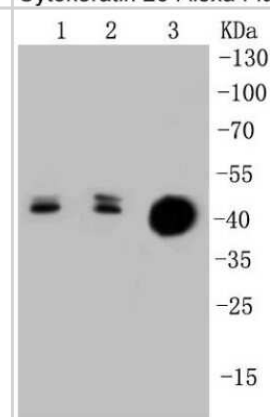
**Immunohistochemistry-Paraffin: Cytokeratin 20 Antibody (SA35-03) [NBP2-67309]** - Immunohistochemical analysis of paraffin-embedded human small intestine tissue using anti-Cytokeratin 20 antibody. The section was pre-treated using heat mediated antigen retrieval with Tris-EDTA buffer (pH 8.0-8.4) for 20 minutes. The tissues were blocked



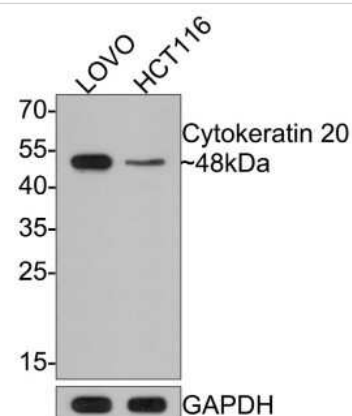
**Flow Cytometry: Cytokeratin 20 Antibody (SA35-03) [NBP2-67309]** - Analysis of CRC cells with Cytokeratin 20 antibody at 1/50 dilution (blue) compared with an unlabelled control (cells without incubation with primary antibody; red). Alexa Fluor 488-conjugated goat anti rabbit IgG was used as the secondary antibody.



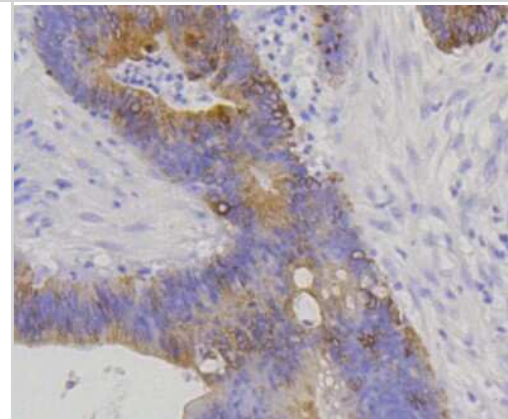
**Western Blot: Cytokeratin 20 Antibody (SA35-03) [NBP2-67309]** - Analysis of Cytokeratin 20 on different cell lysates using anti-Cytokeratin 20 antibody at 1/1,000 dilution. Positive control: Lane 1: Lovo Lane 2: HCT116 Lane 3: CRC



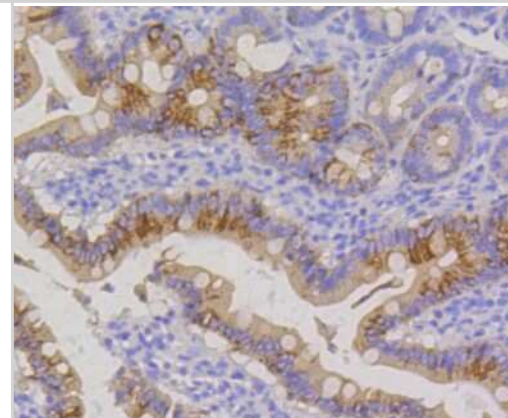
**Western Blot: Cytokeratin 20 Antibody (SA35-03) [NBP2-67309]** - Analysis of Cytokeratin 20 on different lysates with Rabbit anti-Cytokeratin 20 antibody at 1/500 dilution. Lane 1: LOVO cell lysate. Lane 2: HCT116 cell lysate. Lysates/proteins at 10 ug/Lane. Predicted band size: 48 kDa. Observed band size: 48 kDa. Exposure time: 2 minutes; 12% 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 at 1/500 dilution was used in 5% NFDM/TBST at room temperature for 2 hours. Goat Anti-Rabbit IgG - HRP Secondary Antibody at 1:300,000 dilution was used for 1 hour at room temperature.



**Immunohistochemistry-Paraffin: Cytokeratin 20 Antibody (SA35-03) [NBP2-67309]** - Analysis of paraffin-embedded human colon cancer tissue using anti-Cytokeratin 20 antibody. Counter stained with hematoxylin.



**Immunohistochemistry-Paraffin: Cytokeratin 20 Antibody (SA35-03) [NBP2-67309]** - Analysis of paraffin-embedded rat small intestine tissue using anti-Cytokeratin 20 antibody. Counter stained with hematoxylin.





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### **Products Related to NBP2-67309**

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HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control
NBP2-23165	Recombinant Human Cytokeratin 20 His Protein

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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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