

Product Datasheet

Cytokeratin 1/10 Antibody (ST05-43) NBP2-67544

Unit Size: 100 ul

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

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NBP2-67544**Cytokeratin 1/10 Antibody (ST05-43)**

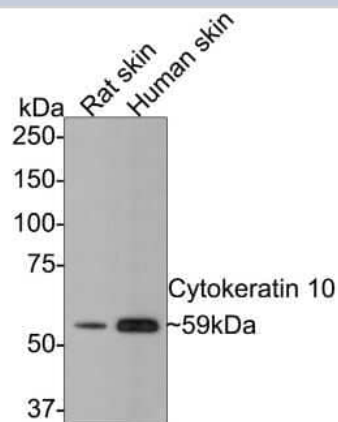
Product Information	
Unit Size	100 ul
Concentration	1 mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	ST05-43
Preservative	0.05% Sodium Azide
Isotype	IgG
Purity	Protein A purified
Buffer	TBS (pH7.4), 0.05% BSA, 40% Glycerol

Product Description	
Description	Novus Biologicals Rabbit Cytokeratin 1/10 Antibody (ST05-43) (NBP2-67544) is a recombinant monoclonal antibody validated for use in IHC, WB and ICC/IF. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	3858
Gene Symbol	KRT10
Species	Human, Mouse, Rat
Immunogen	Synthetic peptide within Human Cytokeratin 1/10 aa 541-584 / 584. (SwissProt: P13645 Human; SwissProt: P02535 Mouse; SwissProt: Q6IFW6 Rat)

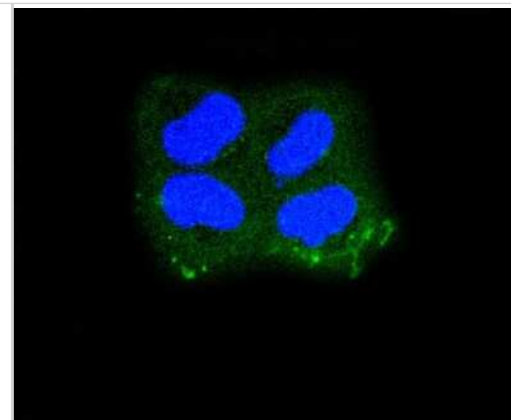
Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Immunocytochemistry/Immunofluorescence, Immunohistochemistry
Recommended Dilutions	Western Blot 1:500-1:2000, Immunohistochemistry, Immunocytochemistry/Immunofluorescence 1:500, Immunohistochemistry-Paraffin 1:50-1:400

Images

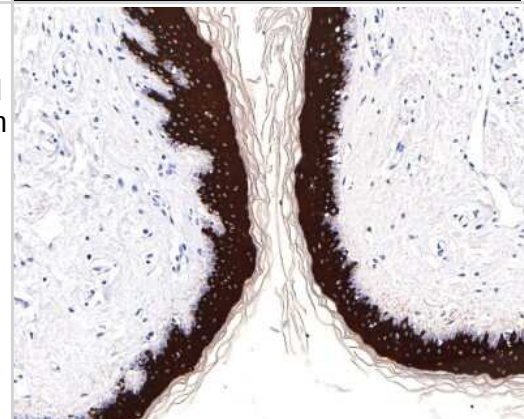
Western Blot: Cytokeratin 1/10 Antibody (ST05-43) [NBP2-67544] - Analysis of Cytokeratin 1/10 on different lysates with Rabbit anti-Cytokeratin 1/10 antibody at 1/500 dilution. Lane 1: Rat skin tissue lysate Lane 2: Human skin tissue lysate. Lysates/proteins at 20 ug/Lane. Predicted band size: 59 kDa Observed band size: 59 kDa. Exposure time: 2 minutes; 8% 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.



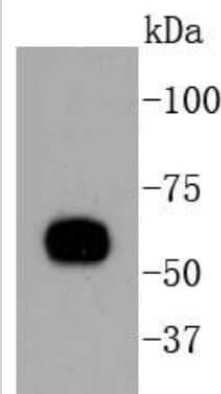
Immunocytochemistry/Immunofluorescence: Cytokeratin 1/10 Antibody (ST05-43) [NBP2-67544] - Staining Cytokeratin 10 in Hela cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.



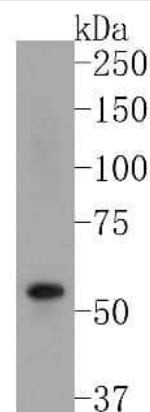
Immunohistochemistry-Paraffin: Cytokeratin 1/10 Antibody (ST05-43) [NBP2-67544] - Analysis of paraffin-embedded human skin tissue with Rabbit anti-Cytokeratin 1/10 antibody washed with ddH₂O and PBS, and then probed with the primary antibody at 1/400 dilution for 1 hour at room temperature. The detection was performed using an HRP conjugated compact polymer system. DAB was used as the chromogen. Tissues were counterstained with hematoxylin and mounted with DPX.



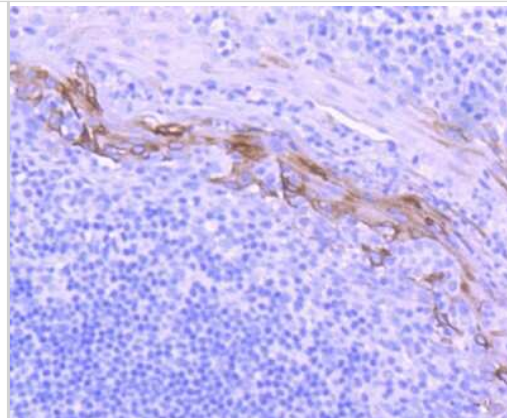
Western Blot: Cytokeratin 1/10 Antibody (ST05-43) [NBP2-67544] - Analysis of Cytokeratin 10 on Hela cell lysates using anti-Cytokeratin 10 antibody at 1/1,000 dilution.



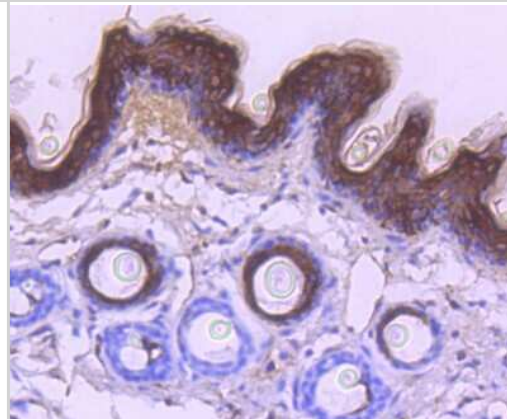
Western Blot: Cytokeratin 1/10 Antibody (ST05-43) [NBP2-67544] - Western blot analysis of Cytokeratin 1/10 on human skin tissue lysates. Proteins were transferred to a PVDF membrane and blocked with 5% BSA in PBS for 1 hour at room temperature. The primary antibody (1/500) was used in 5% BSA at room temperature for 2 h



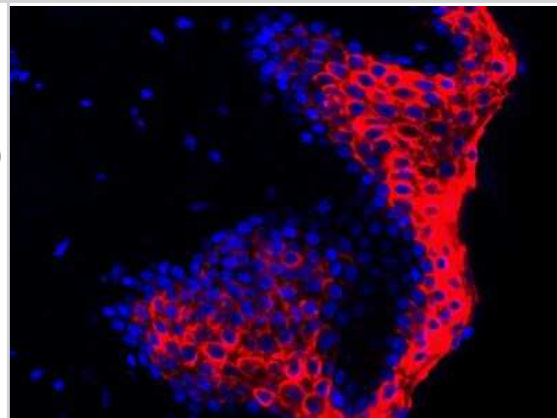
Immunohistochemistry-Paraffin: Cytokeratin 1/10 Antibody (ST05-43) [NBP2-67544] - Analysis of paraffin-embedded human tonsil tissue using anti-Cytokeratin 10 antibody. Counter stained with hematoxylin.



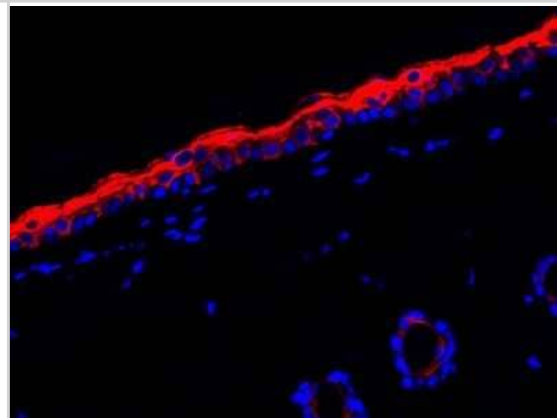
Immunohistochemistry-Paraffin: Cytokeratin 1/10 Antibody (ST05-43) [NBP2-67544] - Analysis of paraffin-embedded mouse skin tissue using anti-Cytokeratin 10 antibody. Counter stained with hematoxylin.



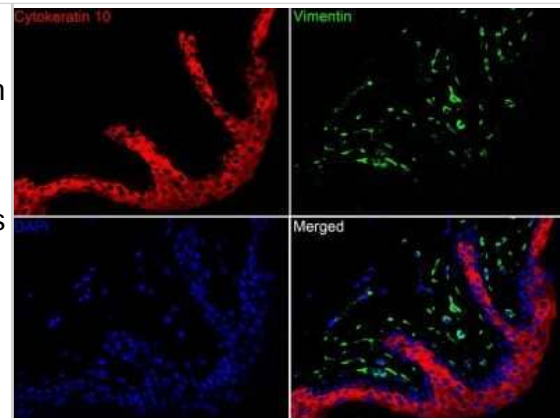
Immunohistochemistry-Paraffin: Cytokeratin 1/10 Antibody (ST05-43) [NBP2-67544] - Immunofluorescence analysis of paraffin-embedded human skin tissue labeling Cytokeratin 1/10 (washed with PBS. And then probed with the primary antibodies Cytokeratin 10 (red) at 1/500 dilution at +4 overnight, washed with 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).



Immunohistochemistry-Paraffin: Cytokeratin 1/10 Antibody (ST05-43) [NBP2-67544] - Immunofluorescence analysis of paraffin-embedded rat skin tissue labeling Cytokeratin 1/10 (washed with PBS. And then probed with the primary antibodies Cytokeratin 1/10 (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).



Immunohistochemistry-Paraffin: Cytokeratin 1/10 Antibody (ST05-43) [NBP2-67544] - Immunofluorescence analysis of paraffin-embedded human skin tissue labeling Cytokeratin 1/10 (washed with PBS. And then probed with the primary antibodies Cytokeratin 1/10 (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).





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Products Related to NBP2-67544

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

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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