

Product Datasheet

Cytokeratin 7/13/17/18 Antibody (ST50-05) NBP2-67533

Unit Size: 100 ul

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

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NBP2-67533**Cytokeratin 7/13/17/18 Antibody (ST50-05)**

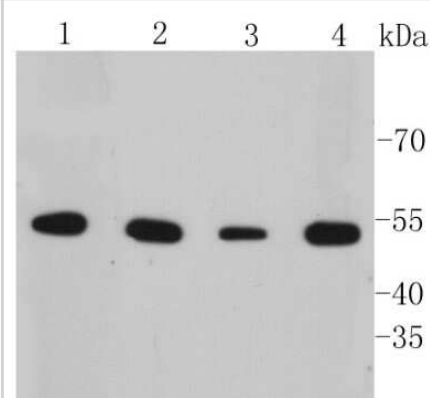
Product Information	
Unit Size	100 ul
Concentration	1 mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	ST50-05
Preservative	0.05% Sodium Azide
Isotype	IgG
Purity	Protein A purified
Buffer	TBS (pH7.4), 0.05% BSA, 40% Glycerol

Product Description	
Description	Novus Biologicals Rabbit Cytokeratin 7/13/17/18 Antibody (ST50-05) (NBP2-67533) is a recombinant monoclonal antibody validated for use in IHC, WB, Flow, ICC/IF and IP. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	3855
Gene Symbol	KRT7
Species	Human, Mouse
Immunogen	Synthetic peptide within Human Cytokeratin 7/13/17/18 aa 18-67. (SwissProt: P08729 Human; SwissProt: Q9DCV7 Mouse)

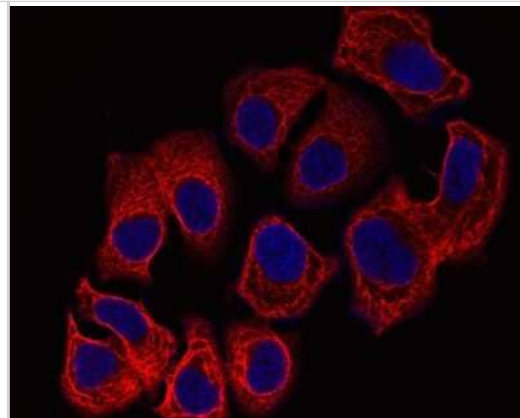
Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunoprecipitation
Recommended Dilutions	Western Blot 1:1000-1:2000, Flow Cytometry 1:50-1:100, Immunohistochemistry, Immunocytochemistry/ Immunofluorescence 1:400, Immunoprecipitation, Immunohistochemistry-Paraffin 1:50-1:200

Images

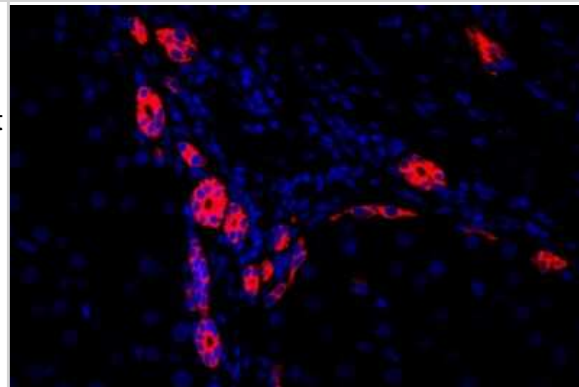
Western Blot: Cytokeratin 7/13/17/18 Antibody (ST50-05) [NBP2-67533]
 - Analysis of Cytokeratin 7 on different lysates using anti-Cytokeratin 7 antibody at 1/1,000 dilution. Positive control: Lane 1: A549 Lane 2: HepG2 Lane 3: SK-BR-3 Lane 4: SW1990



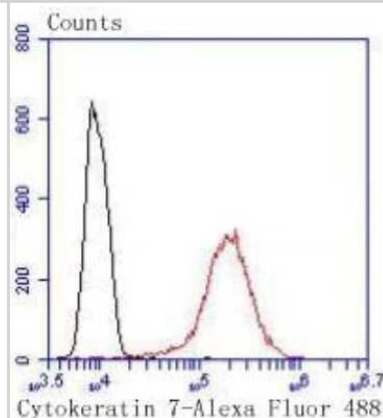
Immunocytochemistry/Immunofluorescence: Cytokeratin 7/13/17/18 Antibody (ST50-05) [NBP2-67533] - Analysis of SKBR-3 cells labeling Cytokeratin 7. Cells were fixed in 4% paraformaldehyde and permeabilized with 0.1% Triton X-100 in PBS for 10 minutes and blocked with 1% BSA for 15 minutes at room temperature. Cells were probed with the primary antibodies Cytokeratin 7 (red) at 1/100 dilution for overnight at 4 °C. Goat anti rabbit IgG (iFluor™ 594) was used as the secondary antibody at 1/1,000 dilution. DAPI was used as nuclear counterstain.



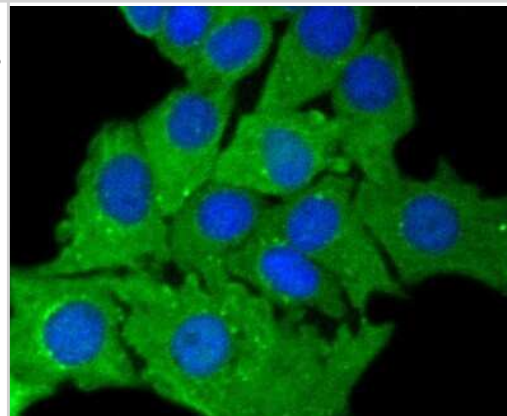
Immunohistochemistry-Paraffin: Cytokeratin 7/13/17/18 Antibody (ST50-05) [NBP2-67533] - Immunofluorescence analysis of paraffin-embedded human liver tissue labeling Cytokeratin 7 (washed with PBS. And then probed with the primary antibodies Cytokeratin 7 (red) at 1/400 dilution at +4 °C overnight, washed with PBS. Goat Anti-Rabbit IgG H&L (iFluor™) 594) was used as the secondary antibodies at 1/1,000 dilution. Nuclei were counterstained with DAPI (blue).



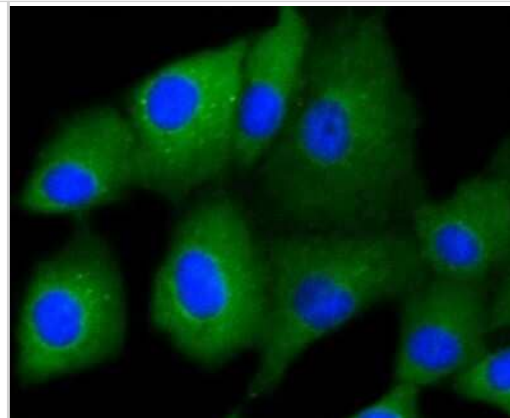
Flow Cytometry: Cytokeratin 7/13/17/18 Antibody (ST50-05) [NBP2-67533] - Flow cytometric analysis of Cytokeratin 7/13/17/18 was done on HeLa cells. The cells were fixed, permeabilized and stained with the primary antibody (1/50) (red). After incubation of the primary antibody at room temperature for an hour, the cells were stained with a Alexa Fluor 488-conjugated Goat anti-Rabbit IgG Secondary antibody at 1/1000 dilution for 30 minutes. Unlabeled sample was used as a control (cells without incubation with primary antibody; black).



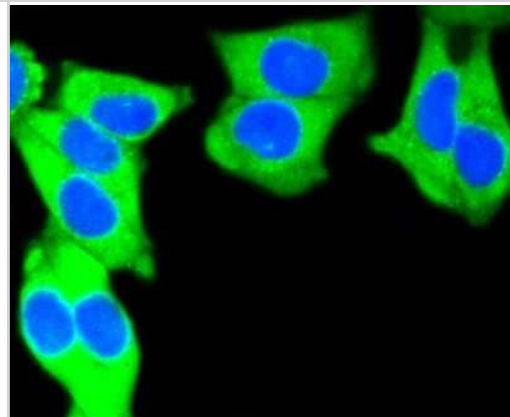
Immunocytochemistry/Immunofluorescence: Cytokeratin 7/13/17/18 Antibody (ST50-05) [NBP2-67533] - Staining Cytokeratin 7 in BT-20 cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilized with 0.25% Triton X100/PBS.



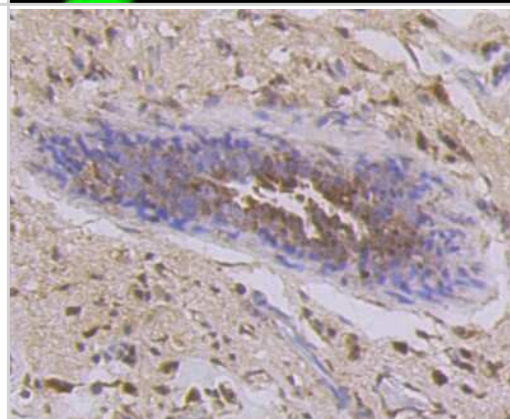
Immunocytochemistry/Immunofluorescence: Cytokeratin 7/13/17/18 Antibody (ST50-05) [NBP2-67533] - Staining Cytokeratin 7 in A549 cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.



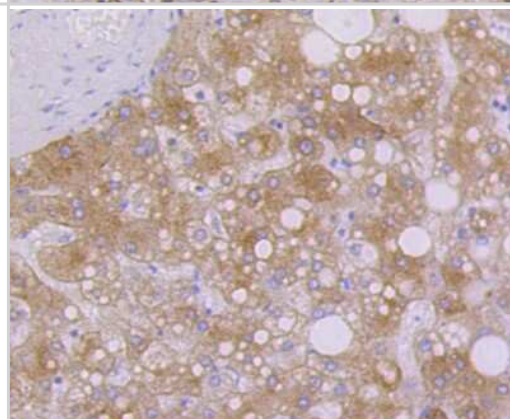
Immunocytochemistry/Immunofluorescence: Cytokeratin 7/13/17/18 Antibody (ST50-05) [NBP2-67533] - Staining Cytokeratin 7 in Hela cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.



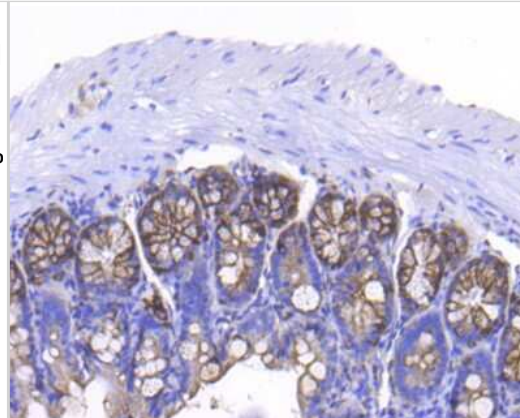
Immunohistochemistry-Paraffin: Cytokeratin 7/13/17/18 Antibody (ST50-05) [NBP2-67533] - Analysis of paraffin-embedded human breast carcinoma tissue using anti-Cytokeratin 7 antibody. Counter stained with hematoxylin.



Immunohistochemistry-Paraffin: Cytokeratin 7/13/17/18 Antibody (ST50-05) [NBP2-67533] - Analysis of paraffin-embedded human liver tissue using anti-Cytokeratin 7 antibody. Counter stained with hematoxylin.



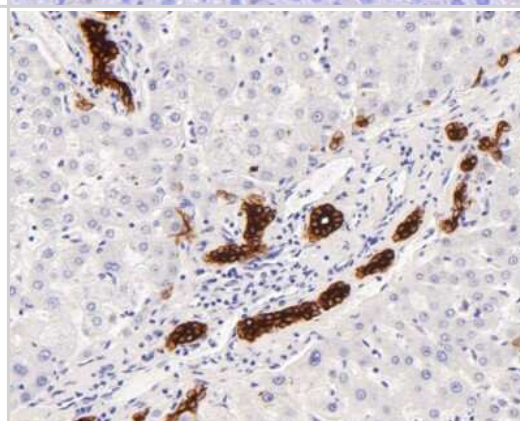
Immunohistochemistry-Paraffin: Cytokeratin 7/13/17/18 Antibody (ST50-05) [NBP2-67533] - Immunohistochemical analysis of paraffin-embedded mouse colon tissue using anti-Cytokeratin 7/13/17/18 antibody. The section was pre-treated using heat mediated antigen retrieval with Tris-EDTA buffer (pH 8.0-8.4) for 20 minutes. The tissues were blocked in 5% BSA for 30 minutes at room temperature, washed with ddH₂O and PBS, and then probed with the primary antibody (ET1609-62, 1/50) 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.



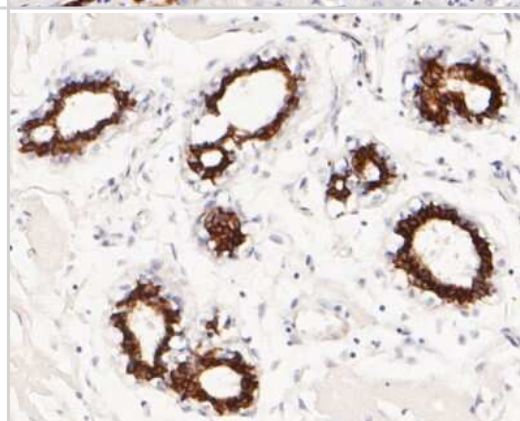
Immunohistochemistry-Paraffin: Cytokeratin 7/13/17/18 Antibody (ST50-05) [NBP2-67533] - Immunohistochemical analysis of paraffin-embedded mouse liver tissue using anti-Cytokeratin 7/13/17/18 antibody. The section was pre-treated using heat mediated antigen retrieval with Tris-EDTA buffer (pH 8.0-8.4) for 20 minutes. The tissues were blocked in 5% BSA for 30 minutes at room temperature, washed with ddH₂O and PBS, and then probed with the primary antibody (ET1609-62, 1/50) 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.



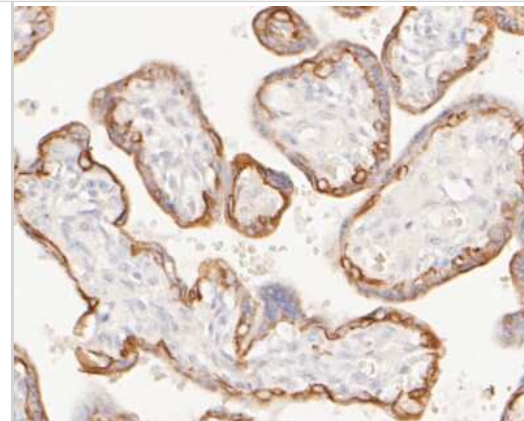
Immunohistochemistry-Paraffin: Cytokeratin 7/13/17/18 Antibody (ST50-05) [NBP2-67533] - Analysis of paraffin-embedded human liver tissue using anti-Cytokeratin 7 antibody. The section was pre-treated using heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0) for 20 minutes. The tissues were blocked in 5% BSA for 30 minutes at room temperature, washed with ddH₂O and PBS, and then probed with the primary antibody (1/200) 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.



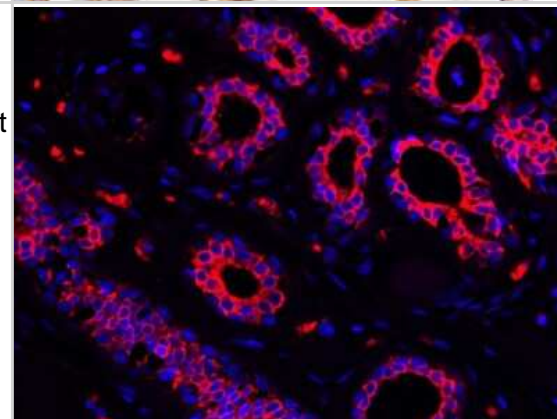
Immunohistochemistry-Paraffin: Cytokeratin 7/13/17/18 Antibody (ST50-05) [NBP2-67533] - Analysis of paraffin-embedded human breast tissue using anti-Cytokeratin 7 antibody. The section was pre-treated using heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0) for 20 minutes. The tissues were blocked in 5% BSA for 30 minutes at room temperature, washed with ddH₂O and PBS, and then probed with the primary antibody (1/50) 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.



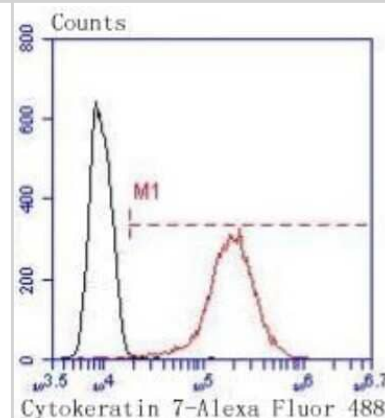
Immunohistochemistry-Paraffin: Cytokeratin 7/13/17/18 Antibody (ST50-05) [NBP2-67533] - Analysis of paraffin-embedded human placenta tissue using anti-Cytokeratin 7 antibody. The section was pre-treated using heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0) for 20 minutes. The tissues were blocked in 5% BSA for 30 minutes at room temperature, washed with ddH₂O and PBS, and then probed with the primary antibody (1/50) 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.



Immunohistochemistry-Paraffin: Cytokeratin 7/13/17/18 Antibody (ST50-05) [NBP2-67533] - Immunofluorescence analysis of paraffin-embedded human breast tissue labeling Cytokeratin 7 (washed with PBS. And then probed with the primary antibodies Cytokeratin 7 (red) at 1/400 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).



Flow Cytometry: Cytokeratin 7/13/17/18 Antibody (ST50-05) [NBP2-67533] - Analysis of HeLa cells with Cytokeratin 7 antibody at 1/50 dilution (red) compared with an unlabelled control (cells without incubation with primary antibody; black). Alexa Fluor 488-conjugated goat anti rabbit IgG was used as the secondary antibody.





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

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NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control

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