

Product Datasheet

Cytokeratin 18 Antibody (SZ80-07) NBP2-67370

Unit Size: 100 ul

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

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Publications: 2

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NBP2-67370**Cytokeratin 18 Antibody (SZ80-07)**

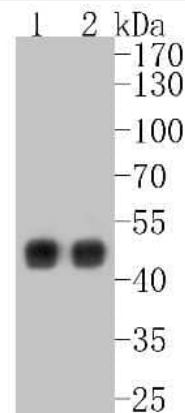
Product Information	
Unit Size	100 ul
Concentration	1 mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	SZ80-07
Preservative	0.05% Sodium Azide
Isotype	IgG
Purity	Protein A purified
Buffer	TBS (pH7.4), 0.05% BSA, 40% Glycerol

Product Description	
Description	Novus Biologicals Rabbit Cytokeratin 18 Antibody (SZ80-07) (NBP2-67370) is a recombinant monoclonal antibody validated for use in IHC, WB, Flow and ICC/IF. Anti-Cytokeratin 18 Antibody: Cited in 2 publications. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	3875
Gene Symbol	KRT18
Species	Human, Mouse, Rat
Immunogen	Recombinant protein within mouse Cytokeratin 18 aa 200-423. (SwissProt: P05783 Human; SwissProt: P05784 Mouse; SwissProt: Q5BJY9 Rat)

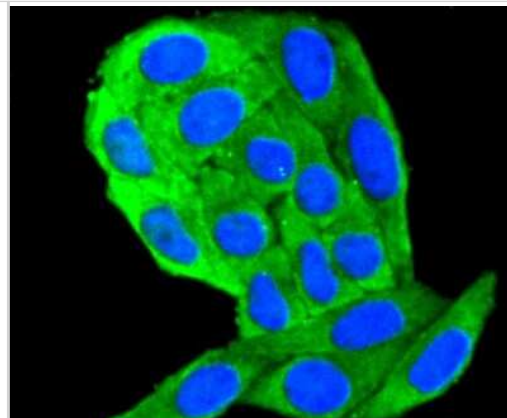
Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Multiplex Immunofluorescence
Recommended Dilutions	Western Blot 1:500-1:2000, Flow Cytometry 1:50-1:100, Immunohistochemistry, Immunocytochemistry/ Immunofluorescence 1:100-1:500, Immunohistochemistry-Paraffin 1:50-1:200, Multiplex Immunofluorescence

Images

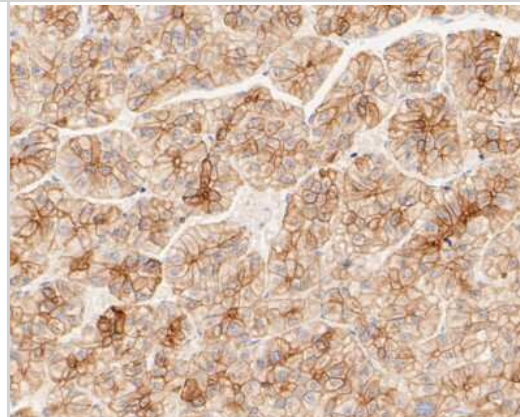
Western Blot: Cytokeratin 18 Antibody (SZ80-07) [NBP2-67370] - Western blot analysis of Cytokeratin 18 on different lysates. Proteins were transferred to a PVDF membrane and blocked with 5% BSA in PBS for 1 hour at room temperature. The primary antibody (1/500) was used in 5% BSA at room temperature for 2 hours. Goat



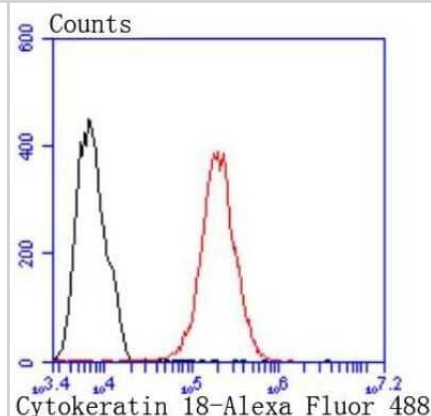
Immunocytochemistry/Immunofluorescence: Cytokeratin 18 Antibody (SZ80-07) [NBP2-67370] - Staining Cytokeratin 18 in HepG2 cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.



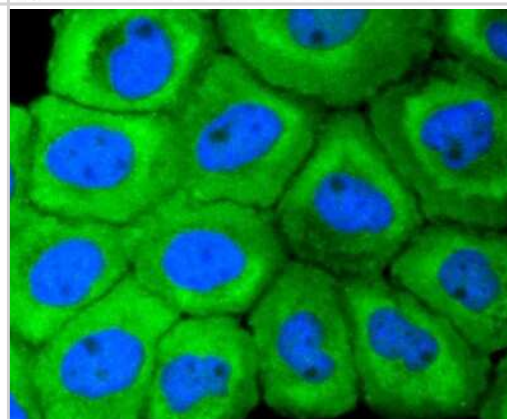
Immunohistochemistry-Paraffin: Cytokeratin 18 Antibody (SZ80-07) [NBP2-67370] - Analysis of paraffin-embedded human liver tissue with Rabbit anti-Cytokeratin 18 antibody washed with ddH2O and PBS, and then probed with the primary antibody (1/200) for 30 minutes at room temperature. The detection was performed using an HRP conjugated compact polymer system. DAB was used as the chromogen. Tissues were counterstained with hematoxylin and mounted with DPX.



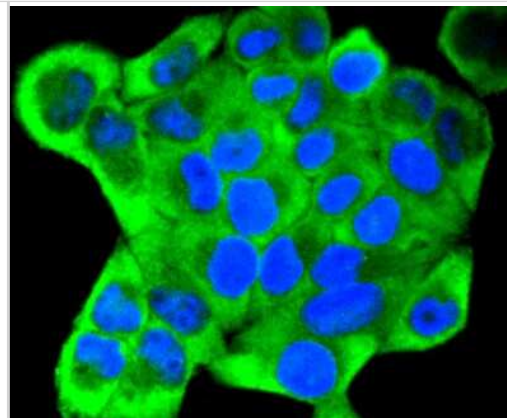
Flow Cytometry: Cytokeratin 18 Antibody (SZ80-07) [NBP2-67370] - Analysis of MCF-7 cells with Cytokeratin 18 antibody at 1/50 dilution (red) compared with an unlabelled control (cells without incubation with primary antibody; black). Alexa Fluor 488-conjugated goat anti rabbit IgG was used as the secondary antibody



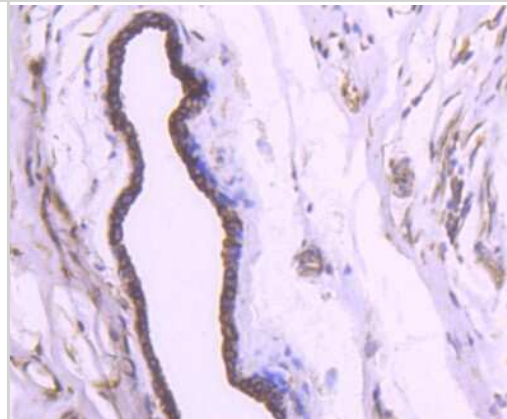
Immunocytochemistry/Immunofluorescence: Cytokeratin 18 Antibody (SZ80-07) [NBP2-67370] - Staining Cytokeratin 18 in A431 cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.



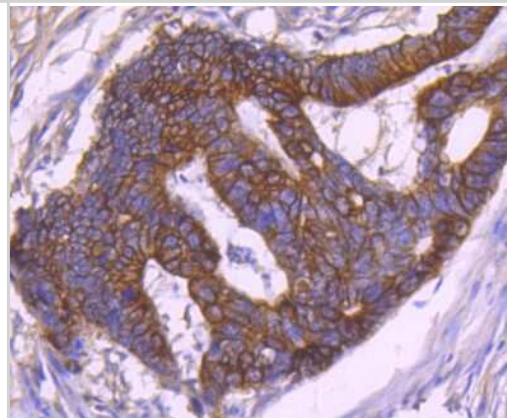
Immunocytochemistry/Immunofluorescence: Cytokeratin 18 Antibody (SZ80-07) [NBP2-67370] - Staining Cytokeratin 18 in Hela cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.



Immunohistochemistry-Paraffin: Cytokeratin 18 Antibody (SZ80-07) [NBP2-67370] - Analysis of paraffin-embedded human breast carcinoma tissue using anti-Cytokeratin 18 antibody. Counter stained with hematoxylin.



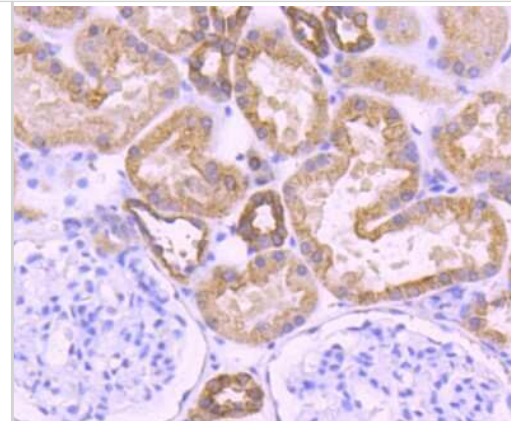
Immunohistochemistry-Paraffin: Cytokeratin 18 Antibody (SZ80-07) [NBP2-67370] - Analysis of paraffin-embedded human colon cancer tissue using anti-Cytokeratin 18 antibody. Counter stained with hematoxylin.



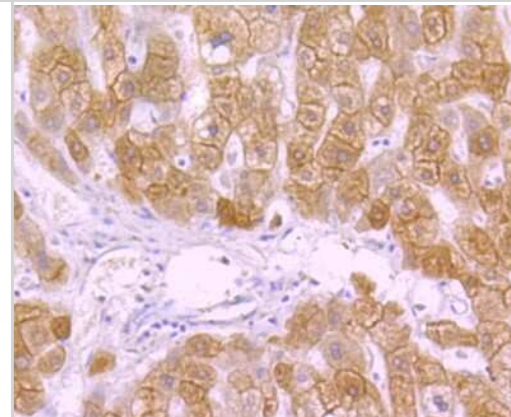
Immunohistochemistry-Paraffin: Cytokeratin 18 Antibody (SZ80-07) [NBP2-67370] - Analysis of paraffin-embedded human gastric carcinoma tissue using anti-Cytokeratin 18 antibody. Counter stained with hematoxylin.



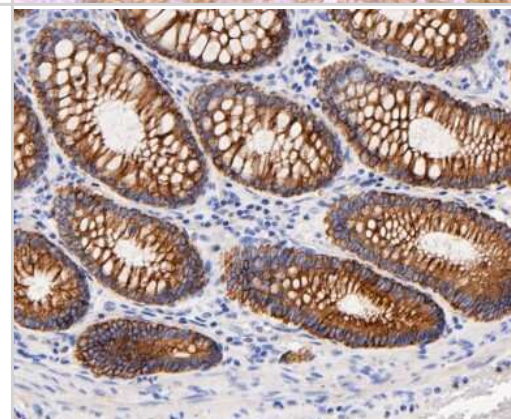
Immunohistochemistry-Paraffin: Cytokeratin 18 Antibody (SZ80-07) [NBP2-67370] - Analysis of paraffin-embedded human kidney tissue using anti-Cytokeratin 18 antibody. Counter stained with hematoxylin.



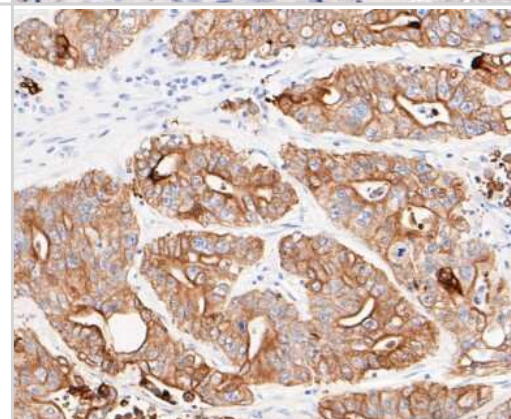
Immunohistochemistry-Paraffin: Cytokeratin 18 Antibody (SZ80-07) [NBP2-67370] - Analysis of paraffin-embedded human liver tissue using anti-Cytokeratin 18 antibody. Counter stained with hematoxylin.



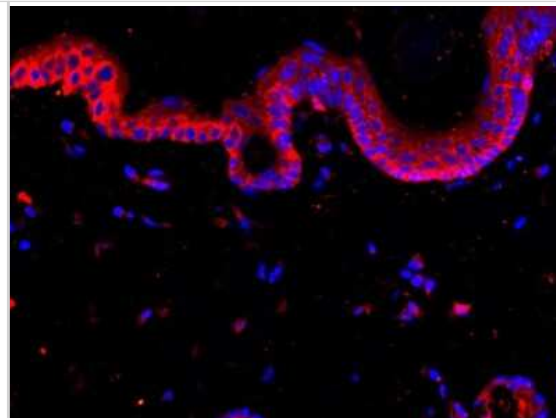
Immunohistochemistry-Paraffin: Cytokeratin 18 Antibody (SZ80-07) [NBP2-67370] - Analysis of paraffin-embedded human colon tissue with Rabbit anti-Cytokeratin 18 antibody washed with ddH₂O and PBS, and then probed with the primary antibody (1/200) for 30 minutes at room temperature. The detection was performed using an HRP conjugated compact polymer system. DAB was used as the chromogen. Tissues were counterstained with hematoxylin and mounted with DPX.



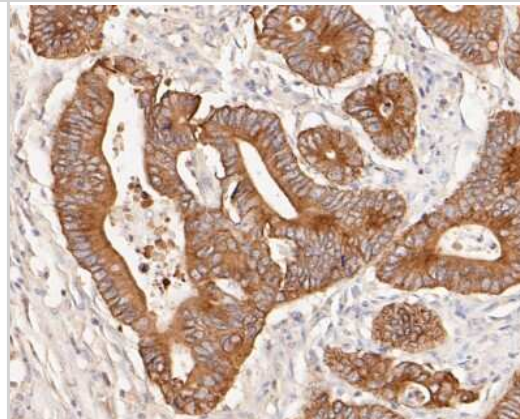
Immunohistochemistry-Paraffin: Cytokeratin 18 Antibody (SZ80-07) [NBP2-67370] - Analysis of paraffin-embedded human stomach carcinoma tissue with Rabbit anti-Cytokeratin 18 antibody washed with ddH₂O and PBS, and then probed with the primary antibody (1/200) for 30 minutes at room temperature. The detection 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 18 Antibody (SZ80-07) [NBP2-67370] - Analysis of paraffin-embedded human stomach carcinoma tissue with Rabbit anti-Cytokeratin 18 antibody 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 18 Antibody (SZ80-07) [NBP2-67370] - Analysis of paraffin-embedded human colon carcinoma with Rabbit anti-Cytokeratin 18 antibody 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.



Publications

Königer L, Malkmus C, Mahdy D et al. ReBiA-Robotic Enabled Biological Automation: 3D Epithelial Tissue Production. Advanced science (Weinheim, Baden-Wurtemberg, Germany) 2024-09-26 [PMID: 39324843]

Lodes NT, Seidensticker K, Perniss A et al. Investigation on ciliary functionality of different airway epithelial cell lines in 3D cell culture Tissue Eng Part A 2019-11-07 [PMID: 31696788] (IHC-P, Human)



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

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