

Product Datasheet

Cytokeratin 19 Antibody (SA30-06) NBP3-32248

Unit Size: 100 ul

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

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NBP3-32248**Cytokeratin 19 Antibody (SA30-06)**

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	SA30-06
Preservative	0.05% Sodium Azide
Isotype	IgG
Purity	Protein A purified
Buffer	1*TBS (pH7.4), 0.05% BSA and 40% Glycerol
Target Molecular Weight	44 kDa

Product Description	
Host	Rabbit
Gene ID	3880
Gene Symbol	KRT19
Species	Human, Mouse
Immunogen	Synthetic peptide within Human Cytokeratin 19 aa 348-400 / 400. (Uniprot: P08727)

Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry
Recommended Dilutions	Western Blot 1:500-1:5000, Flow Cytometry 1:50, Immunohistochemistry, Immunocytochemistry/ Immunofluorescence 1:1000, Immunohistochemistry-Paraffin 1:50-1:1500
Application Notes	Recommended dilution for Multiplex IHC: 1:5000-1:10000

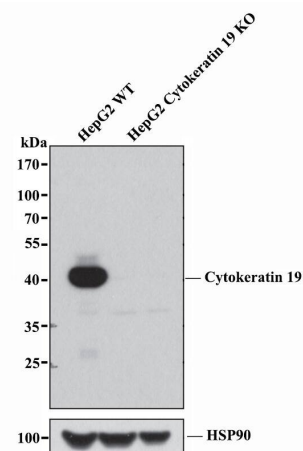
Images

Western Blot: Cytokeratin 19 Antibody (SA30-06) [NBP3-32248] - All lanes: Western blot analysis of Cytokeratin 19 with anti-Cytokeratin 19 antibody [SA30-06] (NBP3-32248) at 1:5,000 dilution.

Lane 1: Wild-type HepG2 whole cell lysate (20 ug).

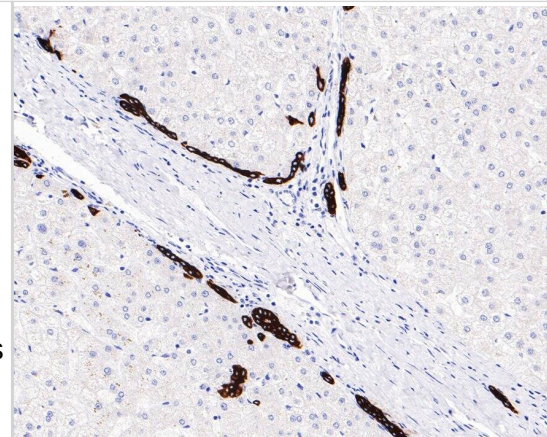
Lane 2/3: Cytokeratin 19 knockout HepG2 whole cell lysate (20 ug).

NBP3-32248 was shown to specifically react with Cytokeratin 19 in wild-type HepG2 cells. No band was observed when Cytokeratin 19 knockout samples were tested. Wild-type and Cytokeratin 19 knockout samples were subjected to SDS-PAGE. Proteins were transferred to a PVDF membrane and blocked with 5% NFDM in TBST for 1 hour at room temperature. The primary Anti-Cytokeratin 19 Antibody (ET1601-6, 1/5,000) and anti-HSP90 antibody (ET1605-56, 1/10,000) were used in 5% BSA at room temperature for 2 hours. Goat Anti-Rabbit IgG H&L (HRP) Secondary Antibody (HA1001) at 1:200,000 dilution was used for 1 hour at room temperature.



Immunohistochemistry: Cytokeratin 19 Antibody (SA30-06) [NBP3-32248] - Immunohistochemical analysis of paraffin-embedded human liver tissue with Rabbit anti-Cytokeratin 19 antibody (NBP3-32248) at 1/1,000 dilution.

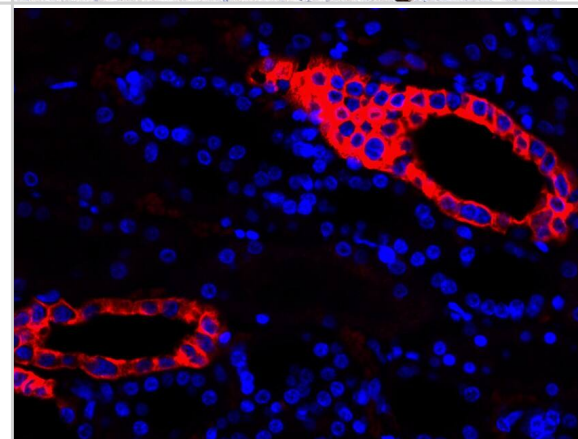
The section was pre-treated using heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0) for 20 minutes. The tissues were blocked in 1% BSA for 20 minutes at room temperature, washed with ddH₂O and PBS, and then probed with the primary antibody (NBP3-32248) at 1/1,000 dilution for 1 hour at room 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.



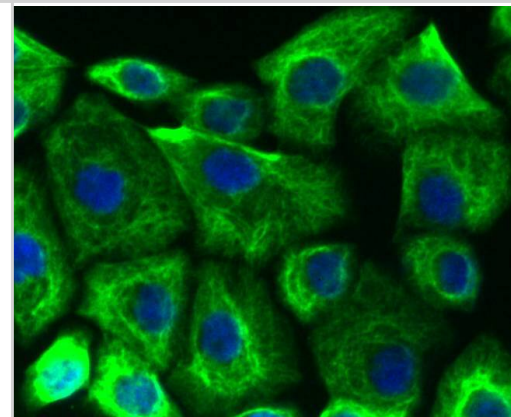
Immunohistochemistry: Cytokeratin 19 Antibody (SA30-06) [NBP3-32248] - Immunofluorescence analysis of paraffin-embedded human kidney tissue labeling Cytokeratin 19 (NBP3-32248).

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 10% negative goat serum for 1 hour at room temperature, washed with PBS. And then probed with the primary antibodies Cytokeratin 19 (NBP3-32248, red) at 1/500 dilution at +4°C overnight, washed with PBS.

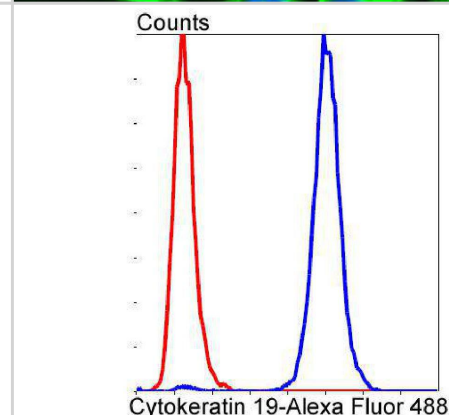
Goat Anti-Rabbit IgG H&L (iFluor™ 594) was used as the secondary antibodies at 1/1,000 dilution. Nuclei were counterstained with DAPI (blue).



Immunocytochemistry/ Immunofluorescence: Cytokeratin 19 Antibody (SA30-06) [NBP3-32248] - ICC staining of Cytokeratin 19 in AGS cells (green). Formalin fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 10 minutes at room temperature and blocked with 1% Blocker BSA for 15 minutes at room temperature. Cells were probed with the primary antibody (NBP3-32248, 1/100) for 1 hour at room temperature, washed with PBS. Alexa Fluor®488 Goat anti-Rabbit IgG was used as the secondary antibody at 1/1,000 dilution. The nuclear counter stain is DAPI (blue).



Flow Cytometry: Cytokeratin 19 Antibody (SA30-06) [NBP3-32248] - Flow cytometric analysis of Cytokeratin 19 was done on MCF-7 cells. The cells were fixed, permeabilized and stained with the primary antibody (NBP3-32248, 1/50) (blue). 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. Unlabelled sample was used as a control (cells without incubation with primary antibody; red).





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Products Related to NBP3-32248

HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control
NBP1-78278PEP	Cytokeratin 19 Antibody Blocking Peptide

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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