

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.

www.novusbio.com



technical@novusbio.com

Protocols, Publications, Related Products, Reviews, Research Tools and Images at:
www.novusbio.com/NBP3-32248

Updated 9/9/2025 v.20.1

Earn rewards for product
reviews and publications.

Submit a publication at www.novusbio.com/publications

Submit a review at www.novusbio.com/reviews/destination/NBP3-32248



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 | |
|----------------------------|---|
| Description | Novus Biologicals Rabbit Cytokeratin 19 Antibody (SA30-06) (NBP3-32248) is a recombinant monoclonal antibody validated for use in IHC, WB, Flow and ICC/IF. All Novus Biologicals antibodies are covered by our 100% guarantee. |
| 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, Multiplex Immunofluorescence |
| Recommended Dilutions | Western Blot 1:500-1:5000, Flow Cytometry 1:50, Immunohistochemistry, Immunocytochemistry/ Immunofluorescence 1:1000, Immunohistochemistry-Paraffin 1:50-1:1500, Multiplex Immunofluorescence |
| Application Notes | Recommended dilution for Multiplex IHC: 1:5000-1:10000 |

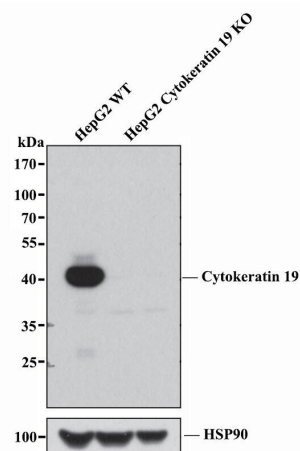
Images

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).

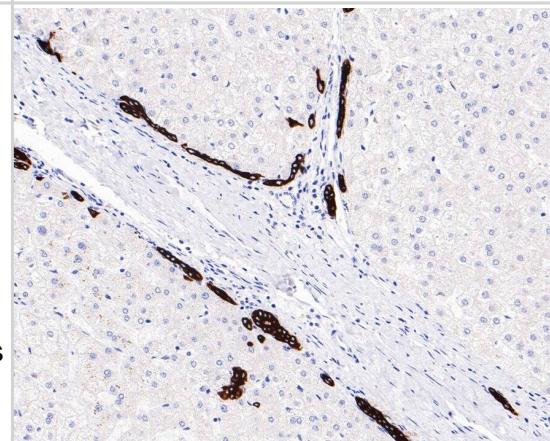
Lane 2/3: Cytokeratin 19 knockout HepG2 whole cell lysate (20 ug).

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% NFD 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.



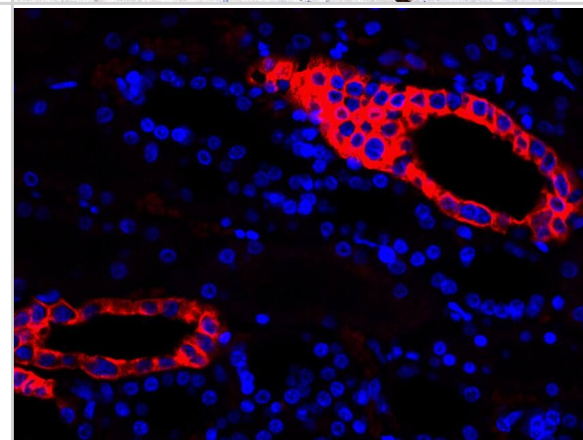
Immunohistochemistry: Cytokeratin 19 Antibody (SA30-06) [NBP3-32248] - Immunohistochemical analysis of paraffin-embedded human liver tissue with Rabbit anti-Cytokeratin 19 antibody (NBP3-32248) at 1/1,000 dilution.

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.



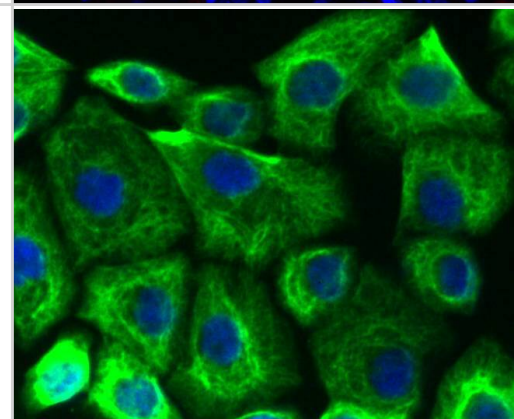
Immunohistochemistry: Cytokeratin 19 Antibody (SA30-06) [NBP3-32248] - Immunofluorescence analysis of paraffin-embedded human kidney tissue labeling Cytokeratin 19 (NBP3-32248).

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.

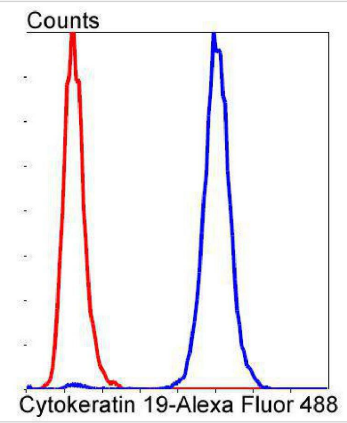


Goat Anti-Rabbit IgG H&L (iFluor™ 594) was used as the secondary antibodies at 1/1,000 dilution. Nuclei were counterstained with DAPI (blue).

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).





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

Products Related to NBP3-32248

| | |
|-------------|---|
| 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.

For more information on our 100% guarantee, please visit www.novusbio.com/guarantee

Earn gift cards/discounts by submitting a review: www.novusbio.com/reviews/submit/NBP3-32248

Earn gift cards/discounts by submitting a publication using this product:
www.novusbio.com/publications

