

Product Datasheet

Cytokeratin 18 Antibody (OTI1E1) - Azide and BSA Free NBP2-71086

Unit Size: 100 ug

Store at -20C. Avoid freeze-thaw cycles.

www.novusbio.com



technical@novusbio.com

Protocols, Publications, Related Products, Reviews, Research Tools and Images at:
www.novusbio.com/NBP2-71086

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/NBP2-71086



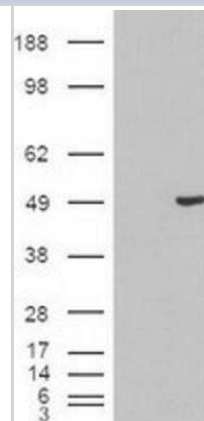
NBP2-71086**Cytokeratin 18 Antibody (OT1E1) - Azide and BSA Free**

Product Information	
Unit Size	100 ug
Concentration	LYOPH mg/ml
Storage	Store at -20C. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	OT1E1
Preservative	No Preservative
Reconstitution Instructions	we recommend adding 100uL distilled water to a final antibody concentration of about 1 mg/mL. To use this carrier-free antibody for conjugation experiment, we strongly recommend performing another round of desalting process.
Isotype	IgG1
Purity	Immunogen affinity purified
Buffer	Lyophilized from PBS (pH 7.3) with 8% Trehalose
Target Molecular Weight	47.9 kDa
Product Description	
Description	Novus Biologicals Mouse Cytokeratin 18 Antibody (OT1E1) - Azide and BSA Free (NBP1-47817) is a monoclonal antibody validated for use in IHC, WB, Flow and ICC/IF. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Mouse
Gene ID	3875
Gene Symbol	KRT18
Species	Human, Mouse, Rat, Monkey
Reactivity Notes	Please note that this antibody is reactive to Mouse and derived from the same host, Mouse. Mouse-On-Mouse blocking reagent may be needed for IHC and ICC experiments to reduce high background signal. You can find these reagents under catalog numbers PK-2200-NB and MP-2400-NB. Please contact Technical Support if you have any questions.
Immunogen	Human recombinant protein fragment corresponding to amino acids 69-372 of human CK18 (NP_000215) produced in E.coli.
Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry
Recommended Dilutions	Western Blot 1:500-1000, Flow Cytometry, Immunohistochemistry 1:50, Immunocytochemistry/ Immunofluorescence 1:100, Immunohistochemistry-Paraffin

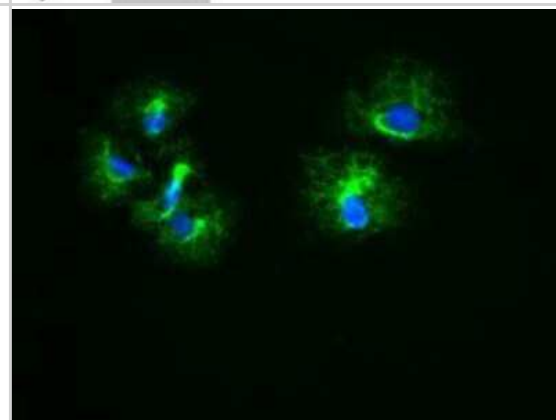


Images

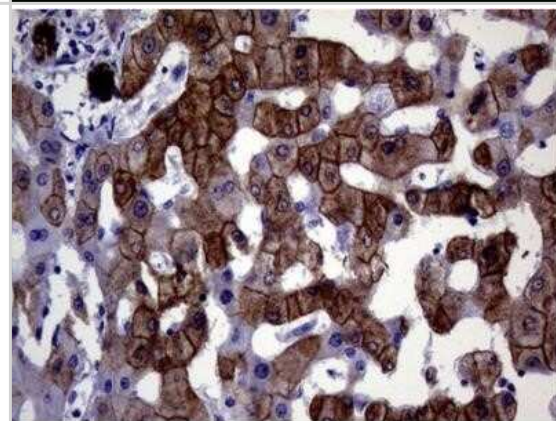
Western Blot: Cytokeratin 18 Antibody (OTI1E1) - Azide and BSA Free [NBP2-71086] - HEK293T cells were transfected with the pCMV6-ENTRY control (Left lane) or pCMV6-ENTRY KRT18 (Right lane) cDNA for 48 hrs and lysed. Equivalent amounts of cell lysates (5 ug per lane) were separated by SDS-PAGE and immunoblotted with anti-KRT18.



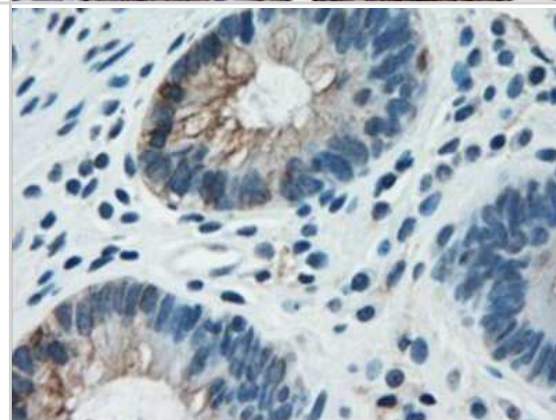
Immunocytochemistry/Immunofluorescence: Cytokeratin 18 Antibody (OTI1E1) - Azide and BSA Free [NBP2-71086] - Staining of COS7 cells transiently transfected by pCMV6-ENTRY KRT18.



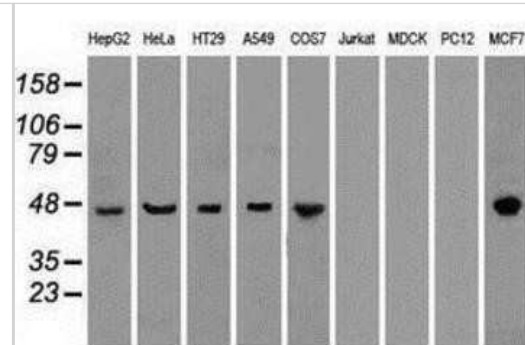
Immunohistochemistry: Cytokeratin 18 Antibody (OTI1E1) - Azide and BSA Free [NBP2-71086] - Staining of paraffin-embedded Human liver tissue within the normal limits. Heat-induced epitope retrieval by 1mM EDTA in 10mM Tris buffer (pH8.0) at 120C for 3 min, (1:6000).



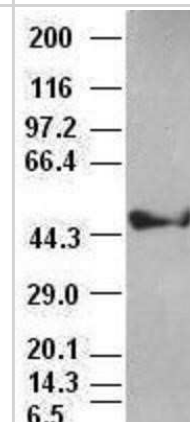
Immunohistochemistry-Paraffin: Cytokeratin 18 Antibody (OTI1E1) - Azide and BSA Free [NBP2-71086] - Staining of paraffin-embedded Human colon tissue using anti-KRT18 mouse monoclonal antibody.



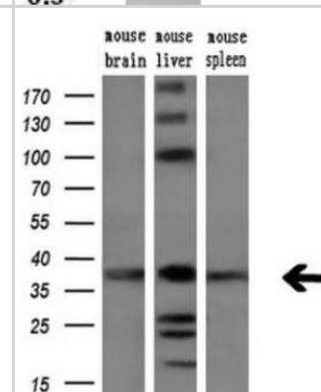
Western Blot: Cytokeratin 18 Antibody (OTI1E1) - Azide and BSA Free [NBP2-71086] - Analysis of extracts (35ug) from 9 different cell lines by using anti-KRT18 monoclonal antibody.



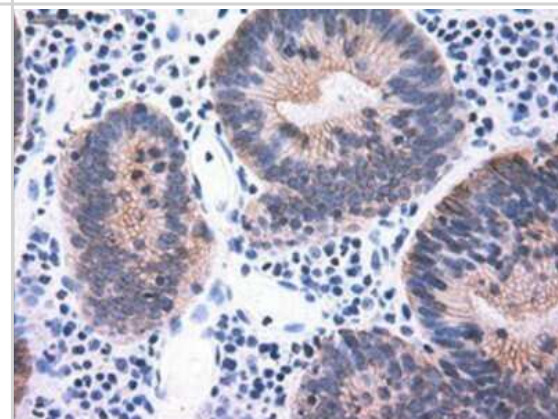
Western Blot: Cytokeratin 18 Antibody (OTI1E1) - Azide and BSA Free [NBP2-71086] - Cytokeratin 18 antibody (1E1) at 1:1000 dilution with HepG2 cell lysate



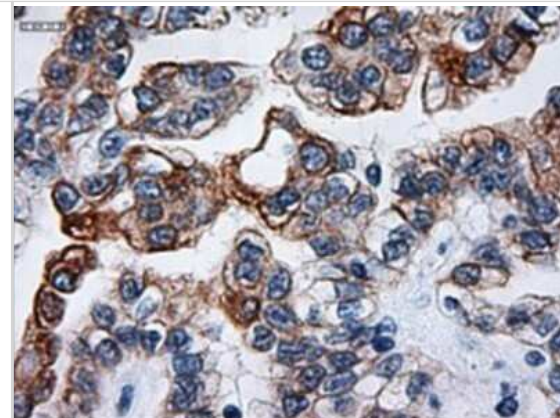
Western Blot: Cytokeratin 18 Antibody (OTI1E1) - Azide and BSA Free [NBP2-71086] - Extracts (10ug) from 10 Human tissue by using Cytokeratin 18 monoclonal antibody at 1:200 (1: Testis; 2: Omentum; 3: Uterus; 4: Breast; 5: Brain; 6: Liver; 7: Ovary; 8: Thyroid gland; 9: colon; 10: spleen).



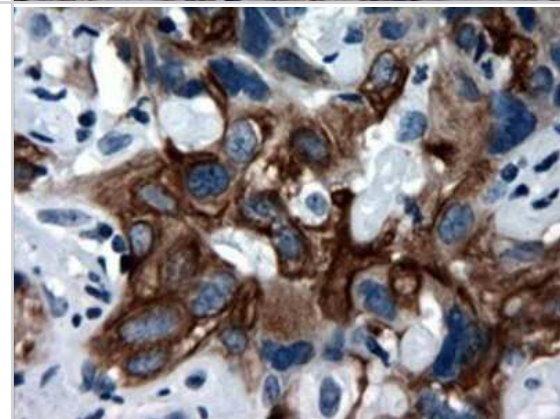
Immunohistochemistry: Cytokeratin 18 Antibody (OTI1E1) - Azide and BSA Free [NBP2-71086] - Staining of paraffin-embedded Adenocarcinoma of Human colon tissue using anti-KRT18 mouse monoclonal antibody.



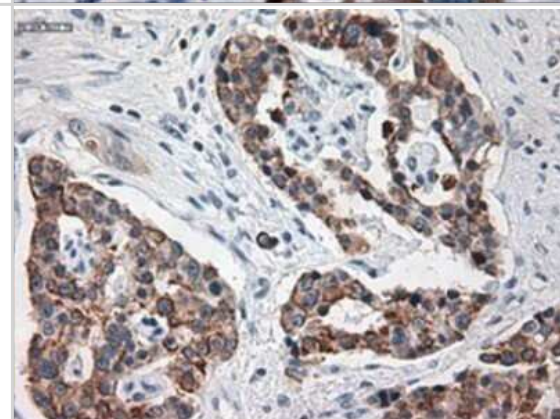
Immunohistochemistry: Cytokeratin 18 Antibody (OTI1E1) - Azide and BSA Free [NBP2-71086] - Staining of paraffin-embedded Carcinoma of Human kidney tissue using anti-KRT18 mouse monoclonal antibody.



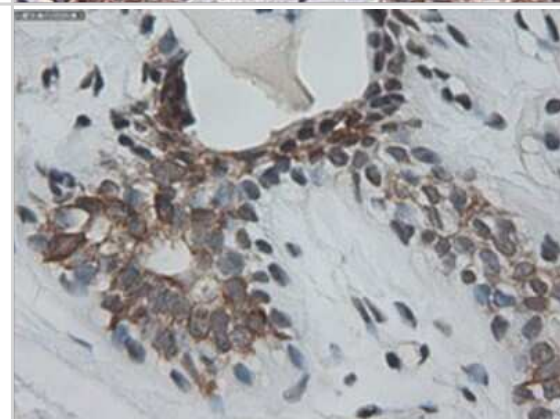
Immunohistochemistry: Cytokeratin 18 Antibody (OTI1E1) - Azide and BSA Free [NBP2-71086] - Staining of paraffin-embedded Carcinoma of Human liver tissue using anti-KRT18 mouse monoclonal antibody.



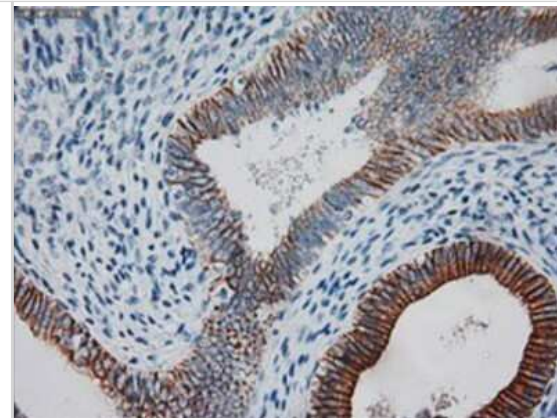
Immunohistochemistry: Cytokeratin 18 Antibody (OTI1E1) - Azide and BSA Free [NBP2-71086] - Staining of paraffin-embedded Carcinoma of Human pancreas tissue using anti-KRT18 mouse monoclonal antibody.



Immunohistochemistry: Cytokeratin 18 Antibody (OTI1E1) - Azide and BSA Free [NBP2-71086] - Staining of paraffin-embedded Human breast tissue using anti-KRT18 mouse monoclonal antibody.



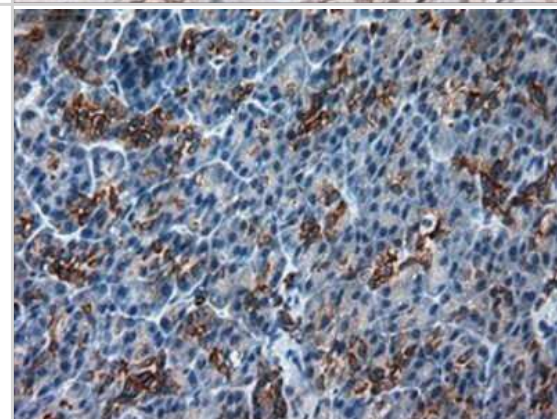
Immunohistochemistry: Cytokeratin 18 Antibody (OTI1E1) - Azide and BSA Free [NBP2-71086] - Staining of paraffin-embedded Human endometrium tissue using anti-KRT18 mouse monoclonal antibody.



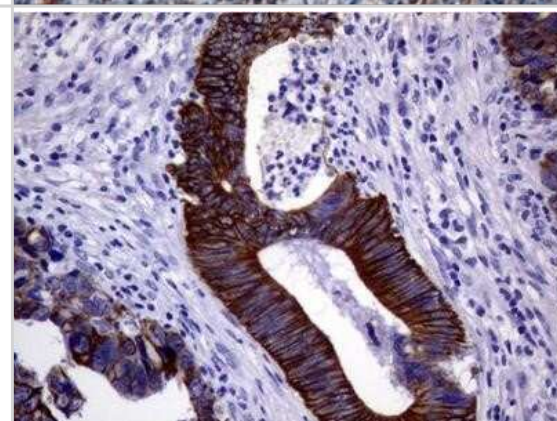
Immunohistochemistry: Cytokeratin 18 Antibody (OTI1E1) - Azide and BSA Free [NBP2-71086] - Staining of paraffin-embedded Human Kidney tissue using anti-KRT18 mouse monoclonal antibody.



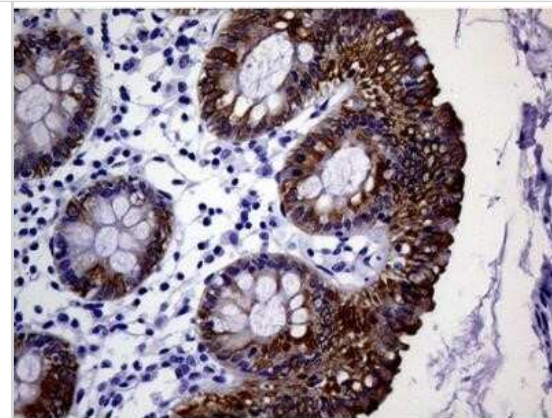
Immunohistochemistry: Cytokeratin 18 Antibody (OTI1E1) - Azide and BSA Free [NBP2-71086] - Staining of paraffin-embedded Human pancreas tissue using anti-KRT18 mouse monoclonal antibody.



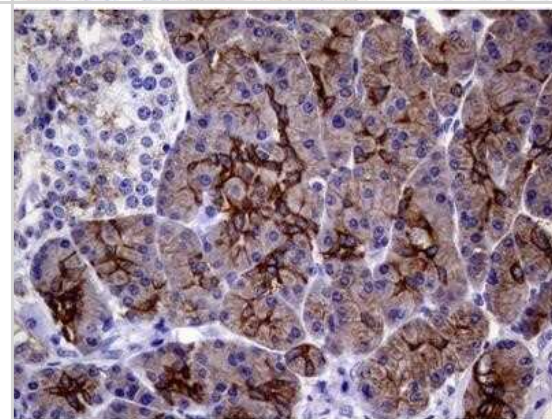
Immunohistochemistry: Cytokeratin 18 Antibody (OTI1E1) - Azide and BSA Free [NBP2-71086] - Staining of paraffin-embedded Adenocarcinoma of Human colon tissue. Heat-induced epitope retrieval by 10mM citric buffer, pH6.0, 100C for 10min.



Immunohistochemistry: Cytokeratin 18 Antibody (OTI1E1) - Azide and BSA Free [NBP2-71086] - Staining of paraffin-embedded Human colon tissue within the normal limits. Heat-induced epitope retrieval by 10mM citric buffer, pH6.0, 100C for 10min.



Immunohistochemistry: Cytokeratin 18 Antibody (OTI1E1) - Azide and BSA Free [NBP2-71086] - Staining of paraffin-embedded Human pancreas tissue within the normal limits. Heat-induced epitope retrieval by 10mM citric buffer, pH6.0, 100C for 10min.





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 NBP2-71086

HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-97005-0.5mg	Mouse IgG1 Isotype Control (MG1)
H00003875-P01-10ug	Recombinant Human Cytokeratin 18 GST (N-Term) Protein

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/NBP2-71086

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

