

Product Datasheet

Cytokeratin 18 Antibody - BSA Free NBP1-90353

Unit Size: 0.1 ml

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

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NBP1-90353**Cytokeratin 18 Antibody - BSA Free**

Product Information	
Unit Size	0.1 ml
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.02% Sodium Azide
Isotype	IgG
Purity	Immunogen affinity purified
Buffer	PBS (pH 7.2) and 40% Glycerol

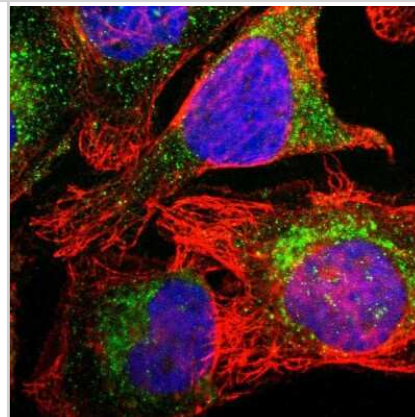
Product Description	
Description	Novus Biologicals Rabbit Cytokeratin 18 Antibody - BSA Free (NBP1-90353) is a polyclonal antibody validated for use in IHC, WB and ICC/IF. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	3875
Gene Symbol	KRT18
Species	Human
Marker	Epithelial Marker
Immunogen	This antibody was developed against Recombinant Protein corresponding to amino acids: IEESTTVVTTQSTEVGAAKAMLTETRTVQFLEINLDSMRNLKASLENSLREVV RYALQMEQLNGILLHLESELAQTWAEGQCQAQEQALLNIKVKLEAAIATYRRL LEDG

Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Immunocytochemistry/Immunofluorescence, Immunohistochemistry
Recommended Dilutions	Western Blot 0.04-0.4 ug/ml, Immunohistochemistry 1:50 - 1:200, Immunocytochemistry/ Immunofluorescence 0.25-2 ug/ml, Immunohistochemistry-Paraffin 1:50 - 1:200
Application Notes	For IHC-Paraffin, HIER pH 6 retrieval is recommended. ICC/IF Fixation Permeabilization: Use PFA/Triton X-100.

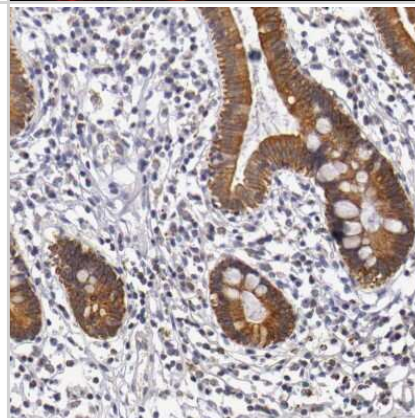


Images

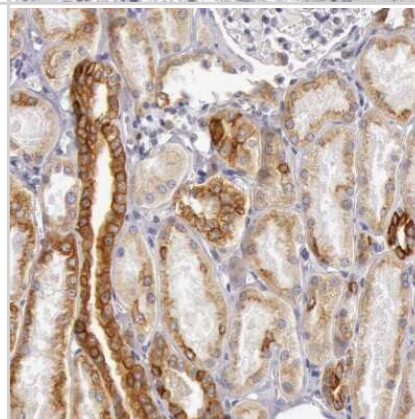
Immunocytochemistry/Immunofluorescence: Cytokeratin 18 Antibody [NBP1-90353] - Staining of human cell line U-2 OS shows localization to cytosol. Antibody staining is shown in green.



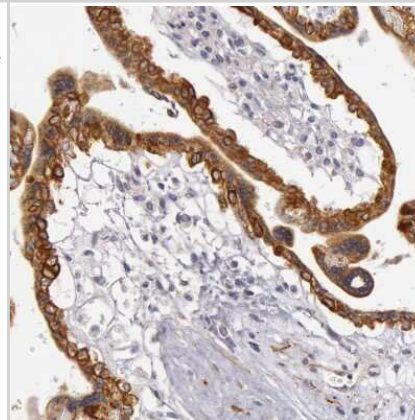
Immunohistochemistry-Paraffin: Cytokeratin 18 Antibody [NBP1-90353] - Staining of human small intestine shows moderate cytoplasmic and membrane positivity in glandular cells.



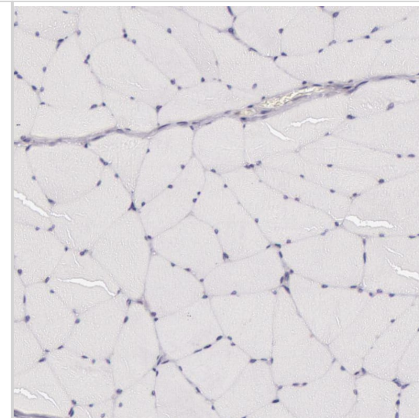
Immunohistochemistry-Paraffin: Cytokeratin 18 Antibody [NBP1-90353] - Staining of human kidney shows moderate cytoplasmic and membrane positivity in cells in tubules.



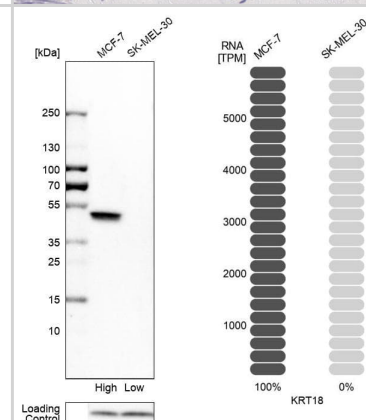
Immunohistochemistry-Paraffin: Cytokeratin 18 Antibody [NBP1-90353] - Staining of human placenta shows moderate cytoplasmic and membrane positivity in trophoblastic cells.



Staining of human skeletal muscle shows no cytoplasmic positivity in myocytes as expected.



Analysis in human cell lines MCF-7 and SK-MEL-30 using Anti-KRT18 antibody. Corresponding KRT18 RNA-seq data are presented for the same cell lines. Loading control: Anti-PFN1.





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Products Related to NBP1-90353

NBP1-90353PEP	Cytokeratin 18 Recombinant Protein Antigen
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.

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