

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**

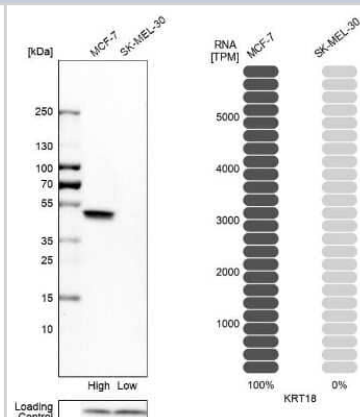
| Product Information | |
|----------------------|--|
| Unit Size | 0.1 ml |
| Concentration | Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services. |
| Storage | Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw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

| Product Description | |
|---------------------|---|
| 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: IEESTTVVTTQSTEVGAAKAMLTELTRTVQFLEINLDSMRNLKASLENSLREVVA RYALQMEQLNGILLHLESELAQTWAEGQCQAQEQALLNIKVKLEAAIATYRRL LEDG |

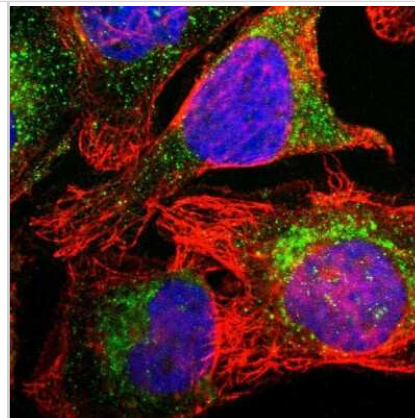
| Product Application Details | |
|------------------------------|--|
| Applications | Western Blot, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin |
| Recommended Dilutions | Western Blot 0.04-0.4 ug/ml, Immunohistochemistry 1:50 - 1:200, Immunocytochemistry/ 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

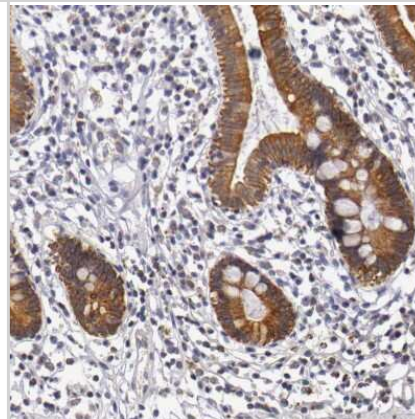
Western Blot: Cytokeratin 18 Antibody [NBP1-90353] - Analysis in human cell lines MCF-7 and SK-MEL-30 using anti-KRT18 antibody. Corresponding KRT18 RNA-seq data are presented for the same cell lines. Loading control: anti-PFN1.



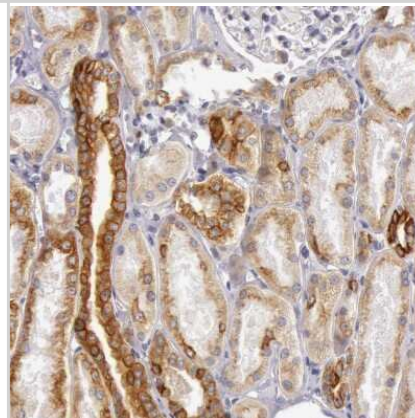
Immunocytochemistry/Immunofluorescence: Cytokeratin 18 Antibody [NBP1-90353] - Staining of human cell line U-2 OS shows localization to cytosol. Antibody staining is shown in green.



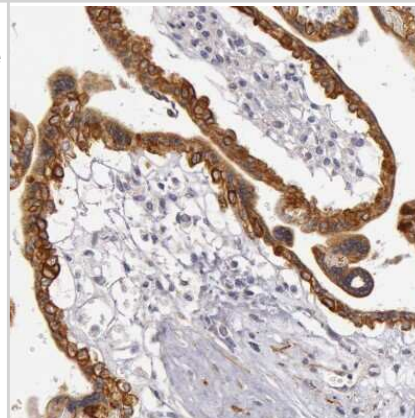
Immunohistochemistry-Paraffin: Cytokeratin 18 Antibody [NBP1-90353] - Staining of human small intestine shows moderate cytoplasmic and membrane positivity in glandular cells.



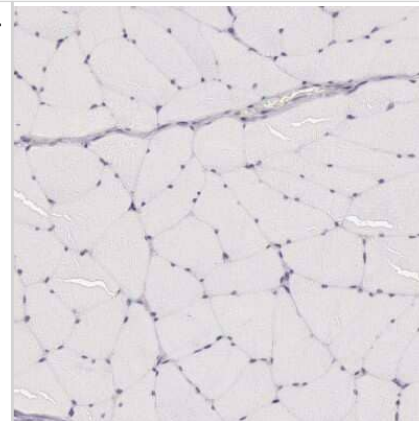
Immunohistochemistry-Paraffin: Cytokeratin 18 Antibody [NBP1-90353] - Staining of human kidney shows moderate cytoplasmic and membrane positivity in cells in tubules.



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



Immunohistochemistry-Paraffin: Cytokeratin 18 Antibody [NBP1-90353] - Staining of human skeletal muscle shows no cytoplasmic positivity in myocytes as expected.





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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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