

Product Datasheet

Cytokeratin 18 Antibody (A4B3-R) **NBP3-32245**

Unit Size: 100 μ l

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

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NBP3-32245

Cytokeratin 18 Antibody (A4B3-R)

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	A4B3-R
Preservative	0.05% Sodium Azide
Isotype	IgG1
Purity	Protein A purified
Buffer	PBS (pH7.4), 0.1% BSA and 40% Glycerol
Target Molecular Weight	48 kDa

Product Description

Host	Mouse
Gene ID	3875
Gene Symbol	KRT18
Species	Human, Mouse, Rat
Immunogen	Recombinant protein within human Cytokeratin 18 aa 1-150. (Uniprot: P05783)

Product Application Details

Applications	Western Blot, Immunohistochemistry-Paraffin, Immunohistochemistry
Recommended Dilutions	Western Blot 1:1000, Immunohistochemistry, Immunohistochemistry-Paraffin 1:2000

Images

Western Blot: Cytokeratin 18 Antibody (A4B3-R) [NBP3-32245] -
Western blot analysis of Cytokeratin 18 on different lysates with Mouse anti-Cytokeratin 18 antibody (NBP3-32245) at 1/1,000 dilution.

Lane 1: SK-Br-3 cell lysate (20 ug/Lane)
Lane 2: A549 cell lysate (20 ug/Lane)
Lane 3: A431 cell lysate (20 ug/Lane)
Lane 4: MCF7 cell lysate (20 ug/Lane)
Lane 5: Mouse liver tissue lysate (40 ug/Lane)
Lane 6: Rat liver tissue lysate (40 ug/Lane)

Predicted band size: 48 kDa

Observed band size: 40-50 kDa

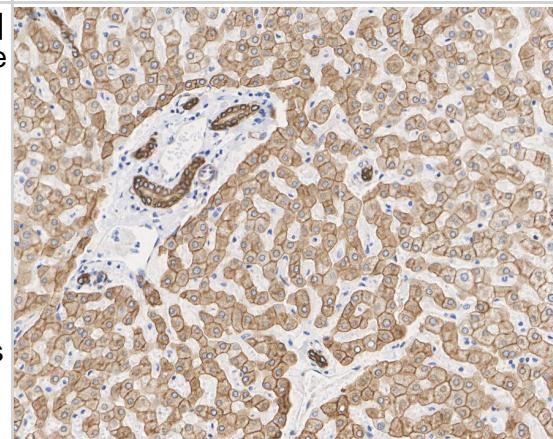
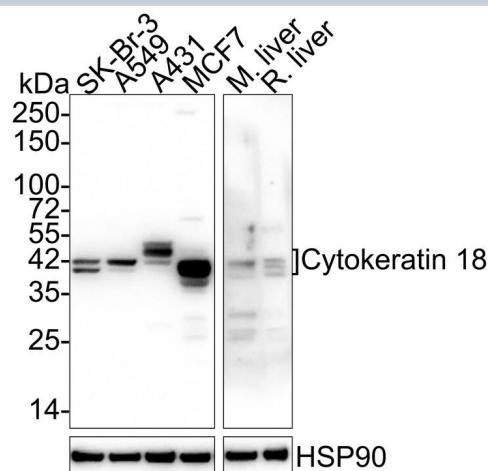
Exposure time: Lane 1-4: 11 seconds; Lane 5-6: 2 minutes 24 seconds;

4-20% SDS-PAGE gel.

Proteins were transferred to a PVDF membrane and blocked with 5% NFDM/TBST for 1 hour at room temperature. The primary antibody (NBP3-32245) at 1/1,000 dilution was used in 5% NFDM/TBST at 4C overnight. Goat Anti-Mouse IgG - HRP Secondary Antibody at 1/50,000 dilution was used for 1 hour at room temperature.

Immunohistochemistry: Cytokeratin 18 Antibody (A4B3-R) [NBP3-32245] - Immunohistochemical analysis of paraffin-embedded human liver tissue with Mouse anti-Cytokeratin 18 antibody (NBP3-32245) at 1/2,000 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 (NBP3-32245) at 1/2,000 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.





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Products Related to NBP3-32245

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-P02-10ug	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.

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