

Product Datasheet

CD133 Antibody (A8C3-R) NBP3-32124

Unit Size: 100 ul

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

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NBP3-32124

CD133 Antibody (A8C3-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	A8C3-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	97 kDa
Product Description	
Host	Mouse
Gene ID	8842
Gene Symbol	PROM1
Species	Human
Immunogen	Recombinant protein within human CD133 aa 151-400/865. (Uniprot: O43490)
Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Immunohistochemistry
Recommended Dilutions	Western Blot 1:5000, Immunohistochemistry, Immunohistochemistry-Paraffin 1:1000



Images

Western Blot: CD133 Antibody (A8C3-R) [NBP3-32124] - Western blot analysis of CD133 on different lysates with Mouse anti-CD133 antibody (NBP3-32124) at 1/5,000 dilution.

Lane 1: HT-29 cell lysate
Lane 2: SW480 cell lysate
Lane 3: NCCIT cell lysate

Lysates/proteins at 10 ug/Lane.

Predicted band size: 97 kDa
Observed band size: 120 kDa

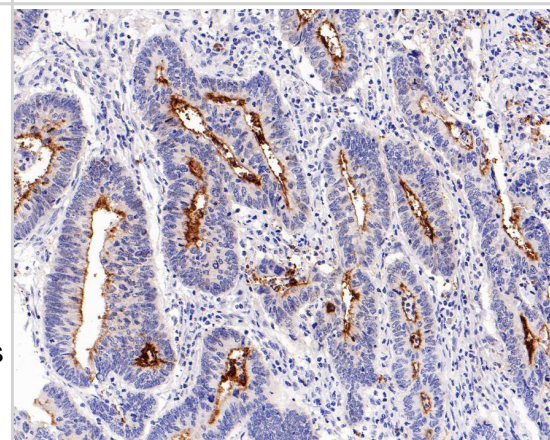
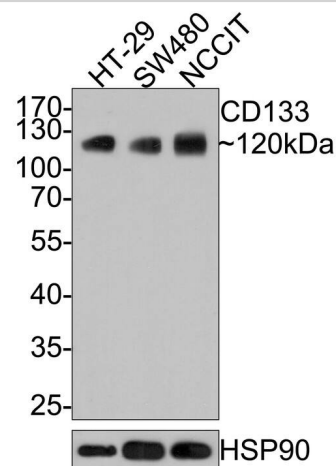
Exposure time: 2 minutes;

10% 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 (NBP3-32124) at 1/5,000 dilution was used in 5% NFDM/TBST at room temperature for 2 hours. Goat Anti-Mouse IgG - HRP Secondary Antibody at 1:100,000 dilution was used for 1 hour at room temperature.

Immunohistochemistry: CD133 Antibody (A8C3-R) [NBP3-32124] - Immunohistochemical analysis of paraffin-embedded human colon carcinoma tissue with Mouse anti-CD133 antibody (NBP3-32124) 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 (NBP3-32124) 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.





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Products Related to NBP3-32124

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)
NBP2-44250PEP	CD133 Antibody Blocking Peptide

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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