

Product Datasheet

CD133 Antibody (3Y4A5)

NBP3-15310-100ul

Unit Size: 100 ul

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

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NBP3-15310-100ul

CD133 Antibody (3Y4A5)

Product Information

Unit Size	100 ul
Concentration	Please see the vial label for concentration. If unlisted please contact technical services.
Storage	Store at -20C. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	3Y4A5
Preservative	0.02% Sodium Azide
Isotype	IgG
Purity	Affinity purified
Buffer	PBS (pH 7.3), 50% glycerol, 0.05% BSA

Product Description

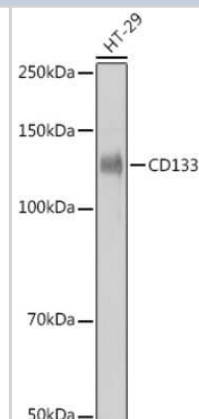
Host	Rabbit
Gene ID	8842
Gene Symbol	PROM1
Species	Human
Immunogen	Recombinant fusion protein containing a sequence corresponding to amino acids 250-380 of human CD133 (O43490). IPVLDEIKSMATAIKETKEALENMNSTLKS LHQQSTQLSSSLTSVKTS LRSSLND PLCLVHPSSSETCNSIRLSLSQLNSNPELRQLPPVDAELDNVNNVLR TDLDGLVQ QGYQSLNDIPDRVQRQT TTVVA

Product Application Details

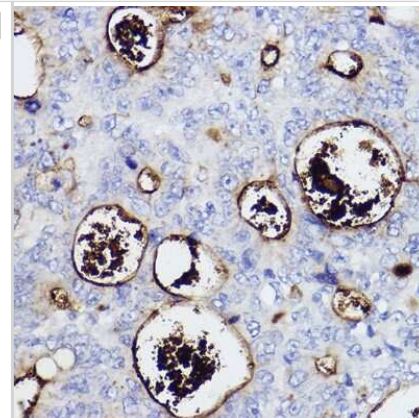
Applications	Western Blot, Immunohistochemistry-Paraffin, Immunohistochemistry, Knockout Validated
Recommended Dilutions	Western Blot 1:500 - 1:1000, Immunohistochemistry 1:50 - 1:200, Immunohistochemistry-Paraffin, Knockout Validated

Images

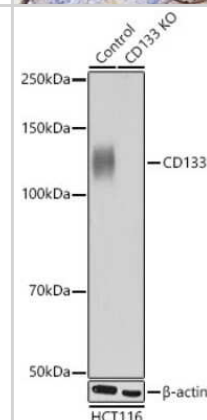
Western Blot: CD133 Antibody (3Y4A5) [NBP3-15310] - Western blot analysis of extracts of HT-29 cells, using CD133 antibody (NBP3-15310) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 1s.



Immunohistochemistry-Paraffin: CD133 Antibody (3Y4A5) [NBP3-15310]
 - Immunohistochemistry of paraffin-embedded human colon carcinoma using CD133 Rabbit mAb (NBP3-15310) at dilution of 1:100 (40x lens). Perform high pressure antigen retrieval with 10 mM citrate buffer pH 6.0 before commencing with IHC staining protocol.



Western Blot: CD133 Antibody (3Y4A5) [NBP3-15310] - Western blot analysis of extracts from normal (control) and CD133 knockout (KO) HCT116 cells, using CD133 antibody (NBP3-15310) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 1s.



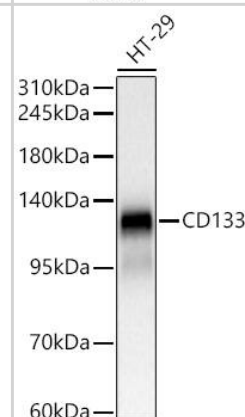
Western Blot: CD133 Antibody (3Y4A5) [CD133] - Western blot analysis of lysates from HT-29 cells, using CD133 Rabbit mAb at 1:1000 dilution. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) at 1:10000 dilution.

Lysates/proteins: 25ug per lane.

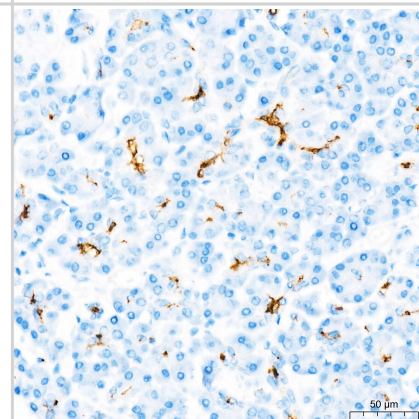
Blocking buffer: 3% nonfat dry milk in TBST.

Detection: ECL Basic Kit .

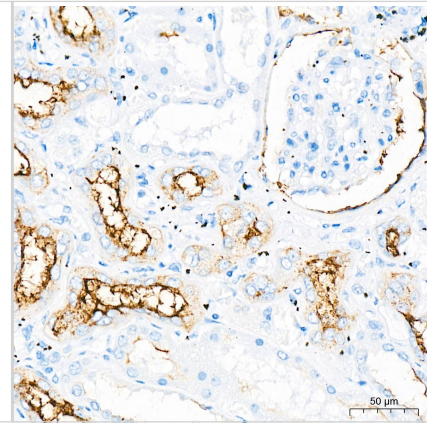
Exposure time: 1s.



Immunohistochemistry: CD133 Antibody (3Y4A5) [CD133] - Immunohistochemistry analysis of paraffin-embedded Human pancreas tissue using CD133 Rabbit mAb at a dilution of 1:200 (40x lens). High pressure antigen retrieval was performed with 0.01 M citrate buffer (pH 6.0) prior to IHC staining.



Immunohistochemistry: CD133 Antibody (3Y4A5) [CD133] -
Immunohistochemistry analysis of paraffin-embedded Human kidney
tissue using CD133 Rabbit mAb at a dilution of 1:200 (40x lens). High
pressure antigen retrieval was performed with 0.01 M citrate buffer (pH
6.0) prior to IHC staining.





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Products Related to NBP3-15310-100ul

HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control
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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