

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)

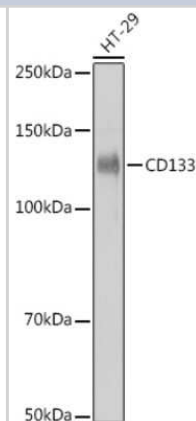
Product Information	
Unit Size	100 ul
Concentration	Please see the vial label for concentration. If unlisted please contact technical services.
Storage	Store at -20C. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	3Y4A5
Preservative	0.02% Sodium Azide
Isotype	IgG
Purity	Affinity purified
Buffer	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). IPVLDEIKSMATAIKETKEALENMNSTLKSLHQQSTQLSSSLTSVKTSLRSSLND PLCLVHPSSETCNSIRLSLSQLNSNPELRQLPPVDAELDNVNNVLRDLDGLVQ QGYQSLNDIPDRVQRQTTVVA

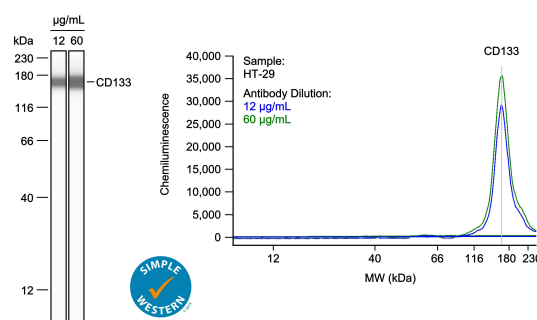
Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Immunohistochemistry, Knockout Validated
Recommended Dilutions	Western Blot 1:500 - 1:1000, Immunohistochemistry 1:50 - 1:200, Immunohistochemistry-Paraffin, Knockout Validated

Images

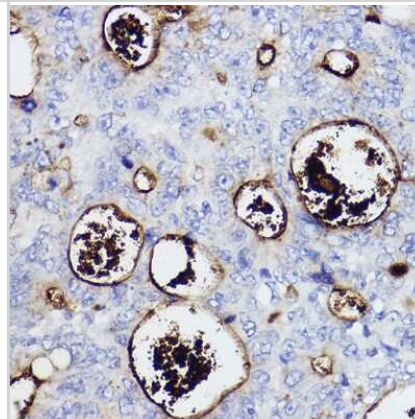
Western Blot: CD133 Antibody (3Y4A5) [NBP3-15310] - Western blot analysis of extracts of HT-29 cells, using CD133 antibody (NBP3-15310) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST.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



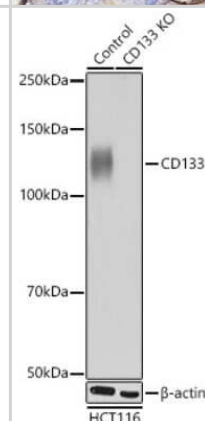
Left: Simple Western lane view shows lysates of HT-29 human colon adenocarcinoma cell line, loaded at 0.1 mg/ml. A specific band was detected for CD133 at approximately 166 kDa (as indicated) using both 12 μ g/ml and 60 μ g/ml of Rabbit Anti-Human CD133 Monoclonal Antibody (Catalog # NBP3-15310) followed by HRP-conjugated Goat Anti-Rabbit Secondary Antibody (Catalog # 042-206). This experiment was conducted under reducing conditions and using the 12-230kDa separation system. **Right:** Simple Western electropherogram showing the same Rabbit Anti-Human CD133 Monoclonal Antibody (Catalog # NBP3-15310) tested at 12 μ g/ml (blue line) and 60 μ g/ml (green line) in the HT-29 human colon adenocarcinoma cell line.



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.

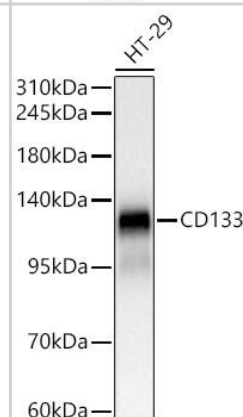


Western Blot: CD133 Antibody (3Y4A5) [NBP3-15310] - Western blot analysis of extracts from normal (control) and CD133 knockout (KO) HCT116 cells, using CD133 antibody (NBP3-15310) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution. Lysates/proteins: 25ug per lane.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

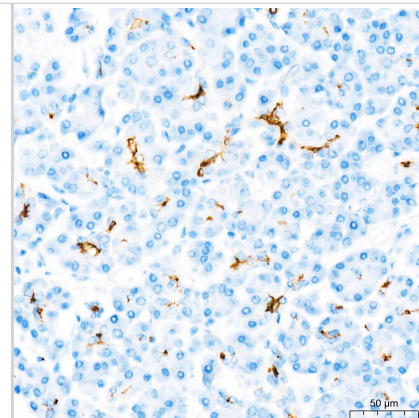


Western Blot: CD133 Antibody (3Y4A5) [CD133] - Western blot analysis of lysates from HT-29 cells, using CD133 Rabbit mAb at 1:1000 dilution. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) at 1:10000 dilution.

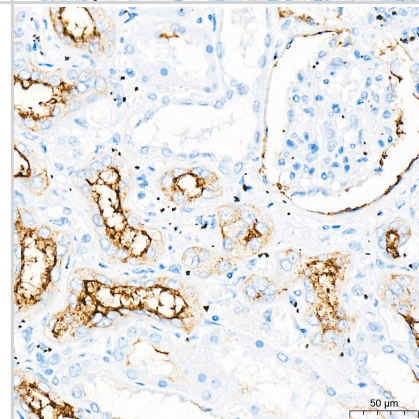
Lysates/proteins: 25ug per lane.
Blocking buffer: 3% nonfat dry milk in TBST.
Detection: ECL Basic Kit .
Exposure time: 1s.



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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