

Product Datasheet

AC133 (CD133) Antibody (C-term) (orb420682)

Description	Rabbit polyclonal antibody to CD133
Species/Host	Rabbit
Reactivity	Human
Conjugation	Unconjugated
Tested Applications	FC, IF, IHC-P, WB
Immunogen	Synthetic Peptide
Target	PROM1
Form/Appearance	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.
Storage	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles
Note	For research use only
Isotype	Rabbit IgG
Clonality	Polyclonal
Clone Number	RB1784
MW	97202
Uniprot ID	O43490
NCBI	NP_001139323.1, NP_001139322.1, NP_001139324.1, NP_001139319.1, NP_006008.1, NP_001139321.1, NP_001139320.1
Dilution Range	WB: 1:1000, IF/ICC: 1:10-50, IHC-P: 1:50-100, FACS: 1:10-50

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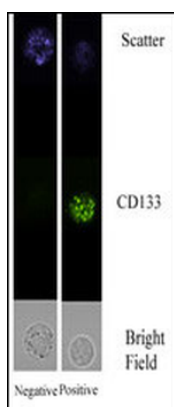
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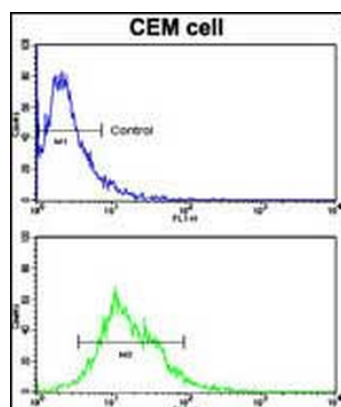
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Expiration Date

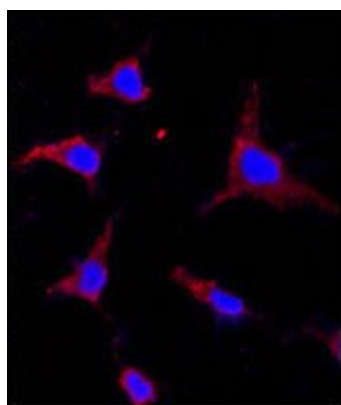
12 months from date of receipt.



Immunofluorescence data is of Bone Marrow Mononuclear Cells stained with polyclonal CD133.



Flow cytometric analysis of CEM cells using AC133 (CD133) Antibody (C-term) (bottom histogram) compared to a negative control cell (top histogram). FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.



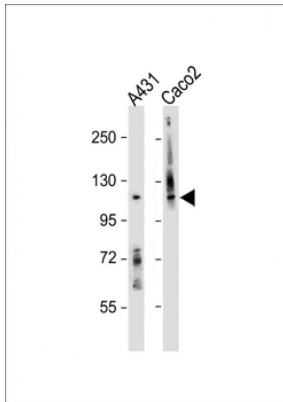
Immunofluorescence analysis of anti-AC133 (CD133) Antibody (C-term) in HeLa cells. 0.025 mg/ml primary antibody was followed by Alexa-Fluor-546-conjugated donkey anti-rabbit IgG (H+L). Alexa-Fluor-546 emits orange fluorescence. Blue counterstaining is DAPI.

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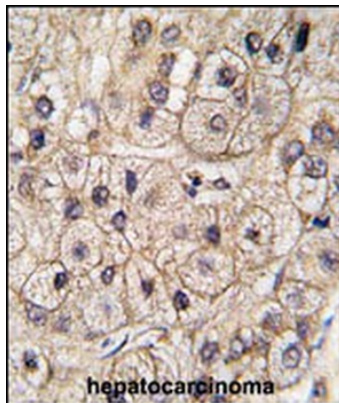
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All lanes: Anti-hAC133-K848 at 1:2000 dilution. Lane 1: A431 whole cell lysate. Lane 2: Caco2 whole cell lysate. Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size: 97 kDa. Blocking/Dilution buffer: 5% NFDm/TBST.



Formalin-fixed and paraffin-embedded human hepatocarcinoma tissue reacted with AC133 (CD133) antibody (C-term), which was peroxidase-conjugated to the secondary antibody, followed by DAB staining. This data demonstrates the use of this antibody for immunohistochemistry; clinical relevance has not been evaluated.

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