

Product Datasheet

AC133 (CD133) Antibody (C-term) (orb1931899)

Description	Purified Rabbit Polyclonal Antibody (Pab)
Species/Host	Rabbit
Reactivity	Human
Conjugation	Unconjugated
Tested Applications	FC, IF, IHC-P, WB
Target	This AC133 (CD133) antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide selected from the C-terminal region of human AC133.
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 Da
Uniprot ID	O43490
NCBI	NP_001139322.1, NP_001139321.1, NP_001139319.1, NP_001139320.1, NP_001139324.1, NP_001139323.1, NP_006008.1
Dilution Range	IF: 1:10~50, IF: 1:10~50, WB: 1:2000, IHC-P: 1:50~100, FC: 1:10~50

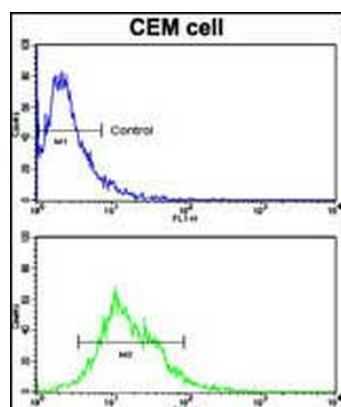
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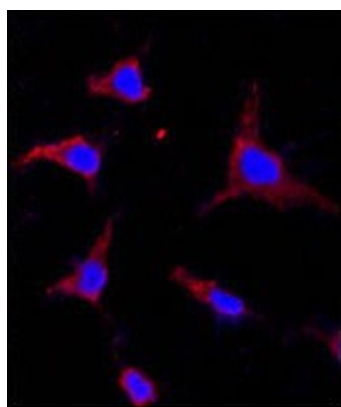
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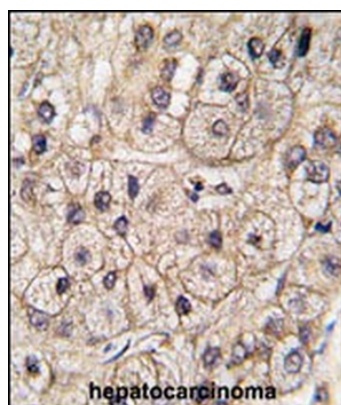
Expiration Date 12 months from date of receipt.



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.



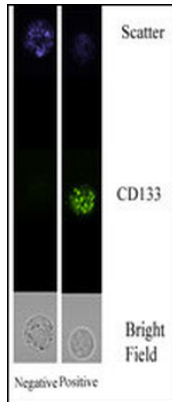
Formalin-fixed and paraffin-embedded human hepatocarcinoma tissue reacted with AC133 (CD133) antibody (C-term), which was peroxidase-conjugated to the secondary antibody, followed by DAB staining. This data demonstrates the use of this antibody for immunohistochemistry; clinical relevance has not been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

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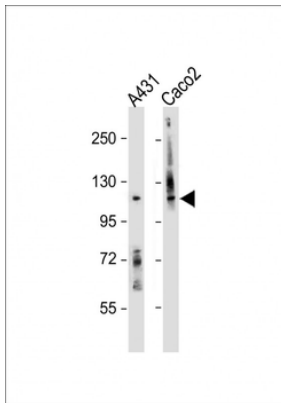
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Immunofluorescence data is of Bone Marrow Mononuclear Cells stained with polyclonal CD133.



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 μ g 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.

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