Datasheet for ABIN7364803

-online.com antibodies

anti-CD133 antibody (AA 508-792) (Biotin)



Overview

Quantity:	50 µg
Target:	CD133 (PROM1)
Binding Specificity:	AA 508-792
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CD133 antibody is conjugated to Biotin
Application:	ELISA

Product Details

Immunogen:	Recombinant Human Prominin-1 protein (508-792AA)
lsotype:	lgG
Cross-Reactivity:	Human
Purification:	>95%, Protein G purified

Target Details

Target:	CD133 (PROM1)
Alternative Name:	PROM1 (PROM1 Products)
Background:	Background: May play a role in cell differentiation, proliferation and apoptosis
	(PubMed:24556617). Binds cholesterol in cholesterol-containing plasma membrane

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	microdomains and may play a role in the organization of the apical plasma membrane in
	epithelial cells. During early retinal development acts as a key regulator of disk morphogenesis.
	Involved in regulation of MAPK and Akt signaling pathways. In neuroblastoma cells suppresses
	cell differentiation such as neurite outgrowth in a RET-dependent manner (PubMed:20818439).
	Aliases: AC133 antibody, Antigen AC133 antibody, CD133 antibody, CORD12 antibody,
	Hematopoietic stem cell antigen antibody, hProminin antibody, MCDR2 antibody, MSTP061
	antibody, OTTHUMP00000217744 antibody, OTTHUMP00000217745 antibody,
	OTTHUMP00000217746 antibody, PROM1 antibody, PROM1_HUMAN antibody, Prominin I
	antibody, Prominin like 1 antibody, Prominin like protein 1 precursor antibody, Prominin mouse
	like 1 antibody, Prominin-1 antibody, Prominin-like protein 1 antibody, Prominin1 antibody,
	PROML1 antibody, RP41 antibody, STGD4 antibody
UniProt:	O43490
Application Details	
Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only
Handling	
Format:	Liquid
Buffer:	Preservative: 0.03 % Proclin 300
	Constituents: 50 % Glycerol, 0.01M PBS, PH 7.4
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be
	handled by trained staff only.
Storage:	-20 °C,-80 °C
Storage Comment:	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.

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