

Rabbit anti-Human CD133/Prominin-1 Polyclonal Antibody | anti-CD133 antibody

CD133/Prominin-1 Polyclonal Antibody

CATALOG # AAA78223	HOST Rabbit	REACTIVITY Human	APPLICATIONS Western Blot
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PRODUCT SYNONYMS

CD133/Prominin-1; Polyclonal Antibody; CD133/Prominin-1 Polyclonal Antibody; PROM1; PROML1; MSTP061; anti-CD133 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Protein A Chromatography
Form/Format	Purified 25 ug in 50uL /100 ug in 200 uL PBS containing 0.05% BSA and 0.05% sodium azide. Sodium azide is highly toxic.
Sequence Length	856
Applicable Applications for anti-CD133 antibody	WB (Western Blot)
Antigen	CD133/Prominin-1
Immunogen	A partial recombinant CD133 protein (amino acids 230-430) was used as the immunogen for this antibody.
Preparation and Storage	Store antibody at 4°C, stable for 6 months. For long-term storage, store at -20°C. Avoid repeated freeze and thaw cycles.

IMAGES



WB (Western Blot)

Expression analysis of CD133. Anti-CD133 antibody (11-10007) was used at 2 ug/ml on (1) Kidney and (2) Testis lysates.

ADDITIONAL INFORMATION

Related Product Information for anti-CD133 antibody

CD133/Prominin-1 is a pentaspan transmembrane protein that has been frequently used as a biomarker for cancer stem cells, although its biological function is unclear. CD133 is not restricted to somatic stem cells and cancer stem cells. It is expressed in differentiated epithelial cells in various organs. Due to the highly restricted expression of CD133 family molecules on plasma membrane protrusions of epithelial and other cell types, in association with membrane cholesterol, a role in the organization of plasma membrane topology has also recently been assigned to this family.

NCBI AND UNIPROT INFORMATION

NCBI GI #	224994189
NCBI GeneID	8842
NCBI Accession #	NP_001139319.1
NCBI GenBank Nucleotide #	NM_001145847.1
UniProt Accession #	O43490; Q6SV49; Q6SV50; Q6SV51; Q6SV52; Q6SV53; Q96EN6
NCBI Official Full Name	prominin-1 isoform 2
NCBI Official Synonym Full Names	prominin 1
NCBI Official Symbol	PROM1
NCBI Official Synonym Symbols	RP41; AC133; CD133; MCDR2; STGD4; CORD12; PROML1; MSTP061
NCBI Protein Information	prominin-1; antigen AC133; hProminin; hematopoietic stem cell antigen; prominin-like protein 1
UniProt Protein Name	Prominin-1
UniProt Gene Name	PROM1
UniProt Synonym Gene Names	PROML1
UniProt Entry Name	PROM1_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/cd133-prominin-1-antibody-western-blot-elisa/78223>