

CD133 Polyclonal Antibody | anti-CD133 antibody

CD133 Antibody

CATALOG # AAA111201	REACTIVITY Mouse, Rat, Human	APPLICATIONS Immunohistochemistry, Immunocytochemistry, Western Blot
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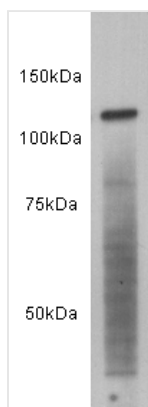
PRODUCT SYNONYMS

CD133; Polyclonal Antibody; CD133 Antibody; anti-CD133 antibody

PRODUCT SPECIFICATIONS

Reactivity	Mouse, Rat, Human
Clonality	Polyclonal
Isotype	IgG
Specificity	This antibody is produced by immunizing rabbits with a synthetic peptide (KLH-coupled) corresponding to a region of C-terminal residues between 800-900aa of human and mouse CD133.
Purity/Purification	Affinity purified
Form/Format	1*TBS (pH7.4), 0.5%BSA, 25% Glycerol.
Sequence Length	856
Applicable Applications for anti-CD133 antibody	IHC (Immunohistochemistry), ICC (Immunocytochemistry), WB (Western Blot)
Preservative	0.05% Sodium Azide.
Cellular Localization	Cell Membrane
Positive Control	Mouse Kidney Tissue
Preparation and Storage	Store at +4 degree C after thawing. Aliquot store at -20 degree C or -80 degree C. Avoid repeated freeze/thaw cycles.

IMAGES



Application Data

Fig: Western blot analysis on mouse kidney using anti-CD133 polyclonal antibody

ADDITIONAL INFORMATION

Related Product Information for anti-CD133 antibody	CD133 is a glycoprotein also known in humans and rodents as Prominin 1 (PROM1). It is the founding member of pentaspan transmembrane glycoproteins (5-transmembrane, 5-TM), which specifically localizes to cellular protrusions. CD133 is expressed in hematopoietic stem cells, endothelial progenitor cells, glioblastomas, neuronal and glial stem cells and some other cell types. CD133 is recognized as a stem cell marker for normal and cancerous tissues.
References	1. Yin AH, Miraglia S, Zanjani ED, et al. CD1.3. a novel marker for human hematopoietic stem and progenitor cells. Blood, 1.97; 90:5002.501. 2. Wuchter C, Ratei R, Spahn G, et al. Impact of CD1.3.(CD1.3. and CD90 expression analysis for acute leukemia immunophenotyping. Haematologica, 2.01. 86:1.4-1.1.3. Kuci S, Schumn M, Schlegel PG, et al. Phenotypic and functional characterization of mobilized peripheral blood CD1.3.CD3.+ hematopoietic stem cell. Blood, 1.99; 94(Suppl 1.:559a.

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
Molecular Weight	~120kDa
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
UniProt Protein Name	Prominin-1
UniProt Gene Name	PROM1
UniProt Synonym Gene Names	PROML1

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-antibody-immunohistochemistry-immunocytochemistry-western-blot-elisa/111201>