

Mouse anti-Human, Mouse CD133 Monoclonal Antibody | anti-CD133 antibody

CD133 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA312010	Mouse	Human, Mouse	Immunocytochemistry, Immunohistochemistry

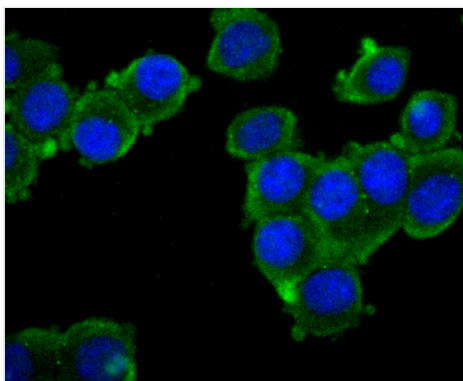
PRODUCT SYNONYMS

CD133; Monoclonal Antibody; CD133 Antibody; 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; anti-CD133 antibody

PRODUCT SPECIFICATIONS

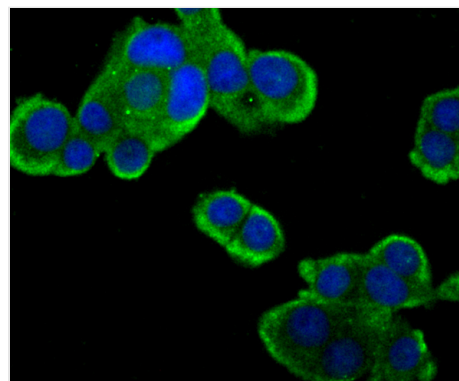
Host	Mouse
Reactivity	Human, Mouse
Clonality	Monoclonal
Clone Number	D2-B1
Purity/Purification	Peptide affinity purified
Form/Format	1*TBS (pH7.4), 0.5%BSA, 50%Glycerol. Preservative: 0.05% Sodium Azide.
Applicable Applications for anti-CD133 antibody	ICC (Immunocytochemistry), IHC (Immunohistochemistry)
Immunogen	Peptide
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C.

IMAGES



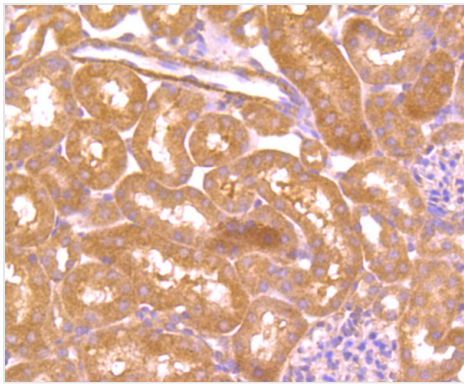
ICC (Immunocytochemistry)

ICC staining CD133 (green) in N2A cells. The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.



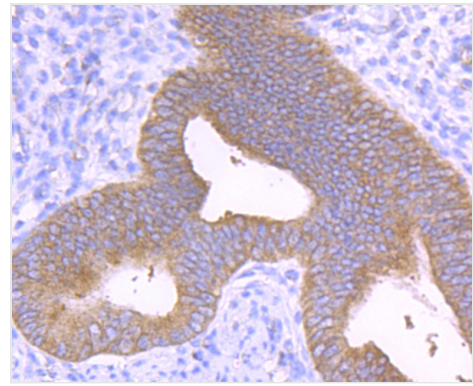
ICC (Immunocytochemistry)

ICC staining CD133 (green) in LOVO cells. The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.



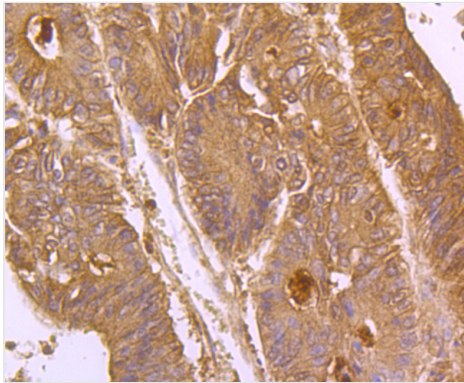
IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded mouse kidney tissue using anti-CD133 antibody. Counter stained with hematoxylin.



IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded human uterus tissue using anti-CD133 antibody. Counter stained with hematoxylin.



IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded human colon cancer tissue using anti-CD133 antibody. Counter stained with hematoxylin.

ADDITIONAL INFORMATION

Related Product Information for anti-CD133 antibody	CD133 antigen also known as prominin-1 is a glycoprotein that in humans is encoded by the PROM1 gene. It is a member of pentaspan transmembrane glycoproteins (5-transmembrane, 5-TM), which specifically localize to cellular protrusions. While the precise function of CD133 remains unknown, it has been proposed to act as an organizer of cell membrane topology.
Product Categories/Family for anti-CD133 antibody	Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	13124442
NCBI GeneID	8842
UniProt Accession #	O43490; Q6SV49; Q6SV50; Q6SV51; Q6SV52; Q6SV53; Q96EN6
Molecular Weight	97kDa
NCBI Official Full Name	Prominin-1
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; hProminin; antigen AC133; prominin-like protein 1; hematopoietic stem cell antigen
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/monoclonal/cd133-antibody-clone-d2-b1-immunocytochemistry-immunohistochemistry-elisa/312010>