

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

CD133 Monoclonal Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA319987	Mouse	Human	ELISA, Flow Cytometry, Functional Assay, Immunofluorescence, Immunohistochemistry

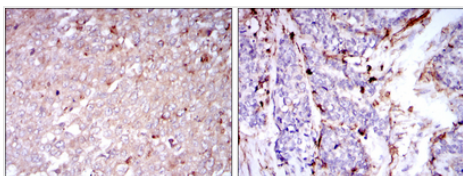
PRODUCT SYNONYMS

CD133; Monoclonal Antibody; CD133 Monoclonal Antibody; Prominin-1; PROM1; Antigen AC133; Prominin-like protein 1; CD antigen CD133; anti-CD133 antibody

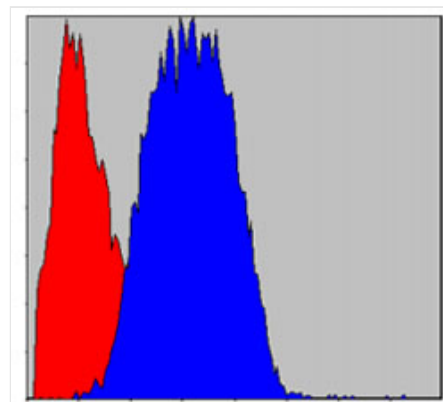
PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human
Clonality	Monoclonal
Specificity	CD133 Monoclonal Antibody detects endogenous levels of CD133 protein.
Purity/Purification	Affinity purification
Form/Format	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Applicable Applications for anti-CD133 antibody	ELISA, FCM/FACS (Flow Cytometry), IF (Immunofluorescence), IHC (Immunohistochemistry)
Immunogen	Synthesized peptide of human CD133.
Modification	Unmodified/Total
Preparation and Storage	Store at -20 degree C/1 year

IMAGES

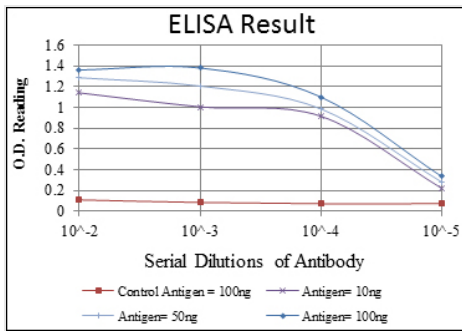


Application Data



FCM/FACS (Flow Cytometry)

Flow cytometric analysis of HeLa cells using CD133 Monoclonal Antibody (blue) and negative control (red).



IHC (Immunohistochemistry)

Immunohistochemistry analysis of paraffin-embedded human breast cancer tissues (left) and human esophageal cancer tissues (right) with DAB staining using CD133 Monoclonal Antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-CD133 antibody	This gene encodes a penta-span transmembrane glycoprotein. The protein localizes to membrane protrusions and is often expressed on adult stem cells, where it is thought to function in maintaining stem cell properties by suppressing differentiation. Mutations in this gene have been shown to result in retinitis pigmentosa and Stargardt disease. Expression of this gene is also associated with several types of cancer. This gene is expressed from at least five alternative promoters that are expressed in a tissue-dependent manner. Multiple transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Mar 2009]
Product Categories/Family for anti-CD133 antibody	Primary Antibodies

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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com

Online datasheet: <https://www.aaabiotech.com/monoclonal/cd133-antibody-flow-cytometry-immunofluorescence-immunohistochemistry-elisa/319987>