

Mouse anti-Human Prominin-1 Monoclonal Antibody | anti-PROM1 antibody

Prominin-1 Mouse mAb

CATALOG # AAA320369	HOST Mouse	REACTIVITY Human	APPLICATIONS Western Blot
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PRODUCT SYNONYMS

Prominin-1; Monoclonal Antibody; Prominin-1 Mouse mAb; Antigen AC133; Prominin-like protein 1; CD133.; anti-PROM1 antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human
Clonality	Monoclonal
Specificity	This antibody detects endogenous levels of Prominin-1 and does not cross-react with related proteins.
Purity/Purification	The antibody was affinity-purified from mouse ascites by affinity-chromatography using epitope-specific immunogen.
Form/Format	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Concentration	1mg/ml (varies by lot)
Applicable Applications for anti-PROM1 antibody	WB (Western Blot)
Immunogen	Purified recombinant human Prominin-1 protein fragments expressed in E coli.
Modification	Unmodified/Total
Preparation and Storage	Store at -20 degree C/1 year

IMAGES


WB (Western Blot)

Western blot detection of Prominin-1 in CaCo2 cell lysate using Prominin-1 mouse mAb (1:1000 diluted). Predicted band size: 97kDa. Observed band size: 133kDa.


WB (Western Blot)

Western blot detection of Prominin-1 expression in CHO-k1 cells non-transfected (A) or transfected (B) with Prominin-1 and using Prominin-1 mouse mAb (1:1000 diluted). Predicted band size: 97kDa. Observed band size: 133kDa.

ADDITIONAL INFORMATION

Related Product Information for anti-PROM1 antibody	This gene encodes a pentaspan 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-PROM1 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.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/prominin-1-antibody-western-blot-elisa/320369>