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

Prominin-1 Monoclonal Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA300718	**Mouse**	**Human**	**Western Blot**

PRODUCT SYNONYMS

Prominin-1; Monoclonal Antibody; Prominin-1 Monoclonal Antibody; anti-PROM1 antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG2a
Clone Number	6H10-F1-C11
Specificity	This antibody detects endogenous levels of PROM1 and does not cross-react with related proteins.
Purity/Purification	Affinity purified
Form/Format	Purified mouse monoclonal in PBS(pH 7.4) containing with 0.02% sodium azide,0.1mg/mlBSA and 50% glycerol.
Sequence Length	856
Applicable Applications for anti-PROM1 antibody	WB (Western Blot)
Immunogen Type	Recombinant Protein
Immunogen Description	Purified recombinant human PROM1 protein fragments expressed in E Coli.
Target Name	Prominin-1
Preparation and Storage	Store at -20 degree C

IMAGES

WB (Western Blot)
Western blot detection of PROM1 expression in CHO-k1 cells non-transfected (A) or transfected (B) with PROM1 and using PROM1 antibody (1:1000 diluted).Predicted band size:97KDa.Observed band size:133KDa.

WB (Western Blot)
Western blot detection of PROM1 antibody in CaCo2 cell lysate using PROM1 antibody (1:1000 diluted).Predicted band size:97KDa.Observed band size:133KDa

ADDITIONAL INFORMATION

Related Product Information for anti-PROM1 antibody	Binds cholesterol in cholesterol-containing plasma membrane microdomains.Proposed to play a role in apical plasma membrane organization of epithelial cells.During early retinal development acts as a key regulator of disk morphogenesis.Involved in regulation of MAPK and Akt signaling pathways.In neuroblastoma cells suppresses cell differentiation such as neurite outgrowth in a RET-dependent manner.

Product Categories/Family for anti-PROM1 antibody	Total protein Ab

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	94,605 Da
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
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://stage.aaabiotech.com/monoclonal/prominin-1-antibody-clone-6h10-f1-c11-western-blot-elisa/300718