

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

PICALM Mouse mAb

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA62307	Mouse	Human	Flow Cytometry, Functional Assay, Immunoprecipitation, Western Blot

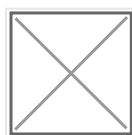
PRODUCT SYNONYMS

PICALM; Monoclonal Antibody; PICALM Mouse mAb; CALM; CLTH; LAP; Clathrin assembly lymphoid myeloid leukemia; Clathrin assembly lymphoid myeloid leukemia protein; clathrin-assembly lymphoid leukemia protein; clathrin-assembly lymphoid myeloid leukemia protein; Phosphatidylinositol-binding clathrin assembly protein; rCALM; fit-1; Fit1; mKIAA4114; PAP180; anti-PICALM antibody

PRODUCT SPECIFICATIONS

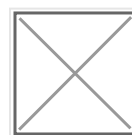
Host	Mouse
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG
Sequence Length	610
Applicable Applications for anti-PICALM antibody	FCM/FACS (Flow Cytometry), IP (Immunoprecipitation), WB (Western Blot)
Source Note	This monoclonal antibody is produced by immunizing mice with a sythetic peptide(KLH coupled)corresponding to amino-terminal residues of human PICAL
Preparation and Storage	Store at -20 degree C. Stable for one year from the date of shipment.

IMAGES



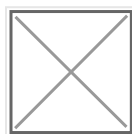
FCM/FACS (Flow Cytometry)

Flow cytometric analysis of 2% paraformaldehyde-fixed Jurkat (Human T cell leukemia cells from peripheral blood) cells labeling PICAL with M25078 at 1/200 dilution (red) compared with a mouse monoclonal IgG isotype control (blue) and an unlabelled control (cells without incubation with primary antibody, green). Goat anti-mouse IgG (FITC) at 1/300 dilution was used as the secondary antibody.



IP (Immunoprecipitation)

PICAL was immunoprecipitated from 1mg of Jurkat cells membrane fraction, blotted with M25078 of 10 ug. Western blot was performed from the immunopre-cipitate using M25078 at 1/1000 dilution. Anti-Mouse-IgG(HRP), specific to the non-reduced form of IgG, was used as secondary antibody at 1/10000 dilution. Lane 1: Jurkat cells membrane fraction. Lane2: IP product of Jurkat cells membrane fraction.Predicted band size : 70 KDaObserved band size : 70 KDaBlocking and dilution buffer and concentration:5% milk/TBST.



WB (Western Blot)

ADDITIONAL INFORMATION

Related Product Information for anti-PICALM antibody	This gene encodes a clathrin assembly protein, which recruits clathrin and adaptor protein complex 2 (AP2) to cell membranes at sites of coated-pit formation and clathrin-vesicle assembly. The protein may be required to determine the amount of membrane to be recycled, possibly by regulating the size of the clathrin cage. The protein is involved in AP2-dependent clathrin-mediated endocytosis at the neuromuscular junction. A chromosomal translocation t(10; 11)(p13; q14) leading to the fusion of this gene and the MLLT10 gene is found in acute lymphoblastic leukemia, acute myeloid leukemia and malignant lymphomas. The polymorphisms of this gene are associated with the risk of Alzheimer disease. Multiple alternatively spliced transcript variants encoding different isoforms have been found for this gene.
Product Categories/Family for anti-PICALM antibody	Cell Marker; Subcellular Marker; Membrane

NCBI AND UNIPROT INFORMATION

NCBI GI #	56788368
NCBI GeneID	8301
NCBI Accession #	NP_001008660.1
NCBI GenBank Nucleotide #	NM_001008660.2
UniProt Accession #	Q13492; O60700; Q4LE54; Q6GMQ6; Q86XZ9; B4DTM3; E9PN05; F8VPG7
Molecular Weight	Predicted MW: 70kDa
NCBI Official Full Name	phosphatidylinositol-binding clathrin assembly protein isoform 2
NCBI Official Synonym Full Names	phosphatidylinositol binding clathrin assembly protein
NCBI Official Symbol	PICALM
NCBI Official Synonym Symbols	LAP; CALM; CLTH
NCBI Protein Information	phosphatidylinositol-binding clathrin assembly protein
UniProt Protein Name	Phosphatidylinositol-binding clathrin assembly protein
UniProt Gene Name	PICALM
UniProt Synonym Gene Names	CALM

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/picalm-antibody-flow-cytometry-immunoprecipitation-western-blot-elisa/62307>