

Mouse anti-Human ACBD5 Monoclonal Antibody | anti-ACBD5 antibody

ACBD5 Mouse mAb

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA62330	Mouse	Human	Flow Cytometry, Functional Assay, Immunoprecipitation, Western Blot

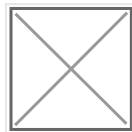
PRODUCT SYNONYMS

ACBD5; Monoclonal Antibody; ACBD5 Mouse mAb; Acyl-CoA-binding domain-containing protein 5; acyl-Coenzyme A binding domain containing 5; endozepine-related protein; membrane-associated diazepam binding inhibitor; KIAA1996; anti-ACBD5 antibody

PRODUCT SPECIFICATIONS

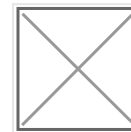
Host	Mouse
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG
Sequence Length	490
Applicable Applications for anti-ACBD5 antibody	FCM/FACS (Flow Cytometry), IP (Immunoprecipitation), WB (Western Blot)
Source Note	This monoclonal antibody is produced by immunizing mice with a sythetic peptide(KLH coupled)corresponding to amino-terminal residues of human
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 ACBD5 with M25019 at 1/200 dilution (blue) compared with a mouse monoclonal IgG isotype control (black) and an unlabelled control (cells without incubation with primary antibody, red). Goat anti-mouse IgG (FITC) at 1/300 dilution was used as the secondary antibody.



IP (Immunoprecipitation)

ACBD5 was immunoprecipitated from 1mg of Jurkat cells membrane fraction, blotted with M25019 of 10 ug. Western blot was performed from the immunopre-cipitate using M25019 at 1/2000 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.Blocking and dilution buffer and concentration:5% milk/TBST.



WB (Western Blot)

All lanes : ACBD5 Mouse mAb at 1/2000 dilution Lane 1 : Jurkat cells membrane fraction Lane 2 : THP1 cells membrane fraction as negative control Lysates/proteins at 20 ug per lane. Secondary Goat Anti-Mouse IgG-HRP, 5% milk conjugated at 1/10000 dilution Predicted band size : 60 KDa Observed band size : 60 KDa Blocking/Dilution buffer : 1x TBST.

ADDITIONAL INFORMATION

Related Product Information for anti-ACBD5 antibody	This gene encodes a member of the acyl-Coenzyme A binding protein family, known to function in the transport and distribution of long chain acyl-Coenzyme A in cells. This gene may play a role in the differentiation of megakaryocytes and formation of platelets. A related protein in yeast is involved in autophagy of peroxisomes. A mutation in this gene has been associated with autosomal dominant thrombocytopenia. Alternative splicing results in multiple transcript variants.
Product Categories/Family for anti-ACBD5 antibody	Cell Marker; Subcellular Marker; Membrane

NCBI AND UNIPROT INFORMATION

NCBI GI #	109689720
NCBI GeneID	91452
NCBI Accession #	NP_001035938.1
NCBI GenBank Nucleotide #	NM_001042473.3
UniProt Accession #	Q5T8D3; Q5T8D4; Q5T8E1; Q5T8E2; Q86UV1; Q8N6E3; Q9UFB5; B3KQ56; D3DRW0
Molecular Weight	Predicted MW: 60kDa
NCBI Official Full Name	acyl-CoA-binding domain-containing protein 5 isoform 2
NCBI Official Synonym Full Names	acyl-CoA binding domain containing 5
NCBI Official Symbol	ACBD5
NCBI Protein Information	acyl-CoA-binding domain-containing protein 5
UniProt Protein Name	Acyl-CoA-binding domain-containing protein 5
UniProt Gene Name	ACBD5
UniProt Synonym Gene Names	KIAA1996

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/acbd5-antibody-flow-cytometry-immunoprecipitation-western-blot-elisa/62330>