

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

ACADVL Mouse mAb

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA62388	Mouse	Human	Flow Cytometry, Functional Assay, Immunoprecipitation, Western Blot

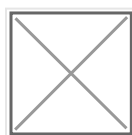
PRODUCT SYNONYMS

ACADVL; Monoclonal Antibody; ACADVL Mouse mAb; ACAD6; acyl-Coenzyme A dehydrogenase; very long chain; LCACD; mitochondrial; MVLCAD; Very long chain Acyl-CoA dehydrogenase; very long-chain specific acyl-CoA dehydrogenase; Very long-chain specific acyl-CoA dehydrogenase; VLCAD; VLCAD very-long-chain acyl-CoA dehydrogenase; BOS_18665; anti-ACADVL antibody

PRODUCT SPECIFICATIONS

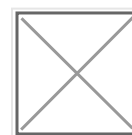
Host	Mouse
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG
Sequence Length	655
Applicable Applications for anti-ACADVL antibody	FCM/FACS (Flow Cytometry), IP (Immunoprecipitation), WB (Western Blot)
Source Note	This monoclonal antibody is produced by immunizing mice with a sythetic peptide(KLH coupled)corresponding to amino-terminal residues of human ACADV
Preparation and Storage	Store at -20 degree C. Stable for one year from the date of shipment.

IMAGES



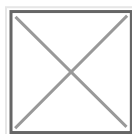
FCM/FACS (Flow Cytometry)

Flow cytometric analysis of 2% paraformaldehyde-fixed Jurkat (Human T cell leukemia cells from peripheral blood) cells labeling ACADV with M25093 at 1/200 dilution (red) compared with a mouse monoclonal IgG isotype control (black) and an unlabelled control (cells without incubation with primary antibody, blue). Goat anti-mouse IgG (FITC) at 1/300 dilution was used as the secondary antibody.



IP (Immunoprecipitation)

ACADV was immunoprecipitated from 1mg of Jurkat cells membrane fraction, blotted with M25093 of 10 ug. Western blot was performed from the immunopre-cipitate using M25093 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-ACADVL antibody	The protein encoded by this gene is targeted to the inner mitochondrial membrane where it catalyzes the first step of the mitochondrial fatty acid beta-oxidation pathway. This acyl-Coenzyme A dehydrogenase is specific to long-chain and very-long-chain fatty acids. A deficiency in this gene product reduces myocardial fatty acid beta-oxidation and is associated with cardiomyopathy. Alternative splicing results in multiple transcript variants encoding different isoforms.
Product Categories/Family for anti-ACADVL antibody	Cell Marker; Subcellular Marker; Membrane

NCBI AND UNIPROT INFORMATION

NCBI GI #	4557235
NCBI GeneID	37
NCBI Accession #	NP_000009.1
NCBI GenBank Nucleotide #	NM_000018.3
UniProt Accession #	P49748; O76056; Q8WUL0; B4DEB6; F5H2A9
Molecular Weight	Predicted MW: 70kDa
NCBI Official Full Name	very long-chain specific acyl-CoA dehydrogenase, mitochondrial isoform 1
NCBI Official Synonym Full Names	acyl-CoA dehydrogenase very long chain
NCBI Official Symbol	ACADVL
NCBI Official Synonym Symbols	ACAD6; LCACD; VLCAD
NCBI Protein Information	very long-chain specific acyl-CoA dehydrogenase, mitochondrial
UniProt Protein Name	Very long-chain specific acyl-CoA dehydrogenase, mitochondrial
UniProt Gene Name	ACADVL
UniProt Synonym Gene Names	VLCAD; VLCAD

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/acadvl-antibody-flow-cytometry-immunoprecipitation-western-blot-elisa/62388>