ACADVL monoclonal antibody (M02), clone 1E7

Catalog # H00000037-M02 Size 100 ug

Specification

Product Description	Mouse monoclonal antibody raised against a partial recombinant ACADVL.
Immunogen	ACADVL (NP_000009, 345 a.a. ~ 434 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	AAALAGTMRGIIAKAVDHATNRTQFGEKIHNFGLIQEKLARMVMLQYVTESMAYMVSANMDQGATDFQIEAAISKIFGSEAAWKVTDECI
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (86); Rat (89)
Isotype	IgG2b Kappa
Quality Control Testing	Antibody Reactive Against Recombinant Protein.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- ELISA

Gene Info — ACADVL

Entrez GeneID	37
GeneBank Accession#	NM_000018

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Protein Accession#	NP_000009
Gene Name	ACADVL
Gene Alias	ACAD6, LCACD, VLCAD
Gene Description	acyl-Coenzyme A dehydrogenase, very long chain
Omim ID	201475 609575
Gene Ontology	Hyperlink
Gene Summary	The protein encoded by this gene is targeted to the inner mitochondrial membrane where it cataly zes the first step of the mitochondrial fatty acid beta-oxidation pathway. This acyl-Coenzyme A de hydrogenase is specific to long-chain and very-long-chain fatty acids. A deficiency in this gene pr oduct reduces myocardial fatty acid beta-oxidation and is associated with cardiomyopathy. Altern ative splicing results in multiple transcript variants encoding different isoforms. [provided by RefS eq
Other Designations	-

Pathway

- Fatty acid metabolism
- Metabolic pathways

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