

# ACADVL monoclonal antibody (M02), clone 1E7

Catalog # H00000037-M02

Size 100 ug

## Specification

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

## Applications

- ELISA

## Gene Info — ACADVL

<b>Entrez GeneID</b>	<a href="#">37</a>
<b>GeneBank Accession#</b>	<a href="#">NM_000018</a>

Protein Accession#	<a href="#">NP_000009</a>
Gene Name	ACADVL
Gene Alias	ACAD6, LCACD, VLCAD
Gene Description	acyl-Coenzyme A dehydrogenase, very long chain
Omim ID	<a href="#">201475 609575</a>
Gene Ontology	<a href="#">Hyperlink</a>
Gene Summary	<p>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. [provided by RefSeq]</p>
Other Designations	-

## Pathway

- [Fatty acid metabolism](#)
- [Metabolic pathways](#)