

ACADVL monoclonal antibody (M02), clone 1E7

Catalog # H00000037-M02

Size 100 ug

Specification

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|--------------------------------------|---|
| 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 | AAALAGTMRGIIAKAVDHA TNRTQFGEKIHNFGLIQEKLARMVMLQYVTESMAYMVSANMDQGATDFQIEAAISKIFGSEAAWKVTDECI |
| 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

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|----------------------------|---------------------------|
| Entrez GeneID | 37 |
| GeneBank Accession# | NM_000018 |

| | |
|--------------------|--|
| 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 | <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](#)