ACADS mouse monoclonal antibody (hybridoma)

Catalog # H00000035-M Size Up to 5 Clones

Specification

Product Description	Mouse monoclonal antibody raised against a full-length recombinant ACADS.
Immunogen	ACADS (AAH25963.1, 1 a.a. ~ 412 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	MAAALLARASGPARRALCPRAWRQLHTIYQSVELPETHQMLLQTCRDFAEKELFPIAAQVDKEHL FPAAQVKKMGGLGLLAMDVPEELGGAGLDYLAYAIAMEEISRGCASTGVIMSVNNSLYLGPILKFG SKEQKQAWVTPFTSGDKIGCFALSEPGNGSDAGAASTTARAEGDSWVLNGTKAWITNAWEASA AVVFASTDRALQNKSISAFLVPMPTPGLTLGKKEDKLGIRGSSTANLIFEDCRIPKDSILGEPGMGF KIAMQTLDMGRIGIASQALGIAQTALDCAVNYAENRMAFGAPLTKLQVIQFKLADMALALESARLLT WRAAMLKDNKKPFIKEAAMAKLAASEAATAISHQAIQILGGMGYVTEMPAERHYRDARITEIYEGTS EIQRLVIAGHLLRSYRS
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (90); Rat (90)
Quality Control Testing	Antibody reactivity and specificity confirmed by ELISA and Western Blot.
Deliverables	Up to 5 positive hybridoma clones will be delivered to customer in the cryotube format.
Note	Customer should check the viability of the hybridomas within one month from the date of receipt. Fee-for-service of long term hybridoma storage can be performed upon customer's request.

Applications

- ELISA
- Western Blot (Transfected lysate)

  Protocol Download

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- Western Blot (Recombinant protein)

  Protocol Download

Gene Info — ACADS

Entrez GeneID	35
GeneBank Accession#	BC025963.1
Protein Accession#	AAH25963.1
Gene Name	ACADS
Gene Alias	ACAD3, SCAD
Gene Description	acyl-Coenzyme A dehydrogenase, C-2 to C-3 short chain
Omim ID	201470 606885
Gene Ontology	Hyperlink
Gene Summary	This gene encodes a a tetrameric mitochondrial flavoprotein, which is a member of the acyl-CoA dehydrogenase family. This enzyme catalyzes the initial step of the mitochondrial fatty acid beta-oxidation pathway. Mutations in this gene have been associated with Short Chain Acyl-CoA Dehydrogenase Deficiency. [provided by RefSeq
Other Designations	butyryl-CoA dehydrogenase|short chain acyl-CoA dehydrogenase|unsaturated acyl-CoA reductase

Pathway

- Butanoate metabolism
- Fatty acid metabolism
- Metabolic pathways
- Valine

Disease

- Alcoholism

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