

Datasheet

ACADM monoclonal antibody (M04), clone 3A2

Catalog Number: H00000034-M04

Regulation Status: For research use only (RUO)

Product Description: Mouse monoclonal antibody raised against a partial recombinant ACADM.

Clone Name: 3A2

Immunogen: ACADM (NP_000007, 1 a.a. ~ 100 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.

Sequence:

MAAGFGRCCRVLRSISRFBWRSQHTKANRQREPGLG
FSFEFTEQQKEFQATARKFAREEIIPVAAEYDKTGEYP
VPLIRRAWELGLMNTHIPENCGGLGL

Host: Mouse

Reactivity: Human

Applications: ELISA, S-ELISA

(See our web site product page for detailed applications information)

Protocols: See our web site at

<http://www.abnova.com/support/protocols.asp> or product page for detailed protocols

Isotype: IgG2b Kappa

Storage Buffer: In 1x PBS, pH 7.2

Storage Instruction: Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Entrez GeneID: 34

Gene Symbol: ACADM

Gene Alias: ACAD1, FLJ18227, FLJ93013, FLJ99884, MCAD, MCADH

Gene Summary: This gene encodes the medium-chain specific (C4 to C12 straight chain) acyl-Coenzyme A dehydrogenase. The homotetramer enzyme catalyzes

the initial step of the mitochondrial fatty acid beta-oxidation pathway. Defects in this gene cause medium-chain acyl-CoA dehydrogenase deficiency, a disease characterized by hepatic dysfunction, fasting hypoglycemia, and encephalopathy, which can result in infantile death. Alternatively spliced transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq]