

Recombinant

DGRmAb®

ACADM (DGR33275) Rabbit mAb

db12309

Package : 10μL 20μL 50μL 100μL

Product Name : ACADM (DGR33275) Rabbit mAb**Cat.No.:** db12309**Synonyms :** MCAD; ACAD1; MCADH**Application :** WB, IHC-P**Reactivity :** Human,Mouse,Rat**Host species :** Rabbit**Background**

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, Jul 2008]

Immunogen

A synthetic peptide of human ACADM/MCAD

Gene ID

34

Swiss Prot

P11310

Synonyms

MCAD; ACAD1; MCADH

Reactivity

Human,Mouse,Rat

Application

WB, IHC-P

Recommended dilution

WB: 1:1000-1:5000

IHC-P: 1:200-1:500

Calculated MW

47 kDa

Observed MW

45 kDa

Host species

Rabbit

Clonality

Monoclonal

Clonality No.

DGR33275

Isotype

IgG

Purity

Affinity Purification

Conjugation	Un-conjugated
Storage Stability	Store at -20°C. Supplied in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% sodium azide and 0.05% BSA. Stable for 12 months from date of receipt.
	<div> <div></div> <div>Western blot detection of ACADM/MCAD in Hela,A549,MCF-7,U251,C2C12 cell lysates using ACADM/MCAD antibody(1:1000 diluted).</div> </div>
	<div> <div></div> <div>Western blot detection of ACADM/MCAD in Rat muscle tissue lysates using ACADM/MCAD antibody(1:1000 diluted)</div> </div>
	<div> <div></div> <div>Immunohistochemical analysis of paraffin-embedded human tonsil using db12309 antibody.</div> </div>