

Recombinant

DGRmAb®

ACADM (DGR18875) Rabbit mAb

db12189

Package : 10µL 20µL 50µL 100µL

Product Name : ACADM (DGR18875) Rabbit mAb**Cat.No.:** db12189**Synonyms** : MCAD; ACAD1; MCADH**Application** : WB, IHC-P, ICC/IF, FC, IP**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

Gene ID

34

Swiss Prot

P11310

Synonyms

MCAD; ACAD1; MCADH

Reactivity

Human,Mouse,Rat

Application

WB, IHC-P, ICC/IF, FC, IP

Recommended dilution

WB: 1:2000-1:20000

IHC-P: 1:200-1:500

ICC/IF: 1:50-1:200

FC: 1:50-1:100

IP: 1:10-1:100

Calculated MW

47 kDa

Observed MW

45 kDa

Host species

Rabbit

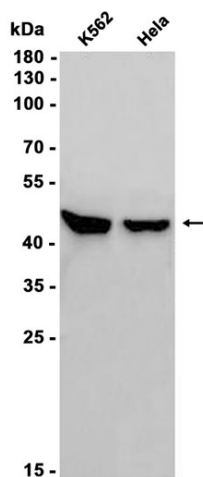
Clonality

Monoclonal

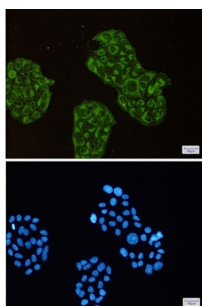
Clonality No.

DGR18875

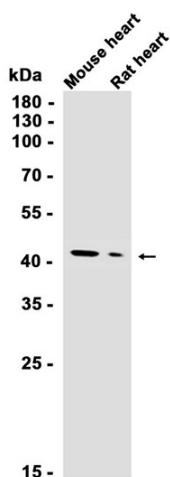
Isotype	IgG
Purity	Affinity Purification
Conjugation	Un-conjugated
Storage Stability	Store at -20°C. Supplied in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% sodium azide and 0.05% BSA. Stable for 12 months from date of receipt.



Western blot analysis of extracts from K562, HeLa cells using db12189 at 1:1000.



Immunofluorescent analysis of HeLa cells using db12189 antibody (green), and DAPI (blue).



Western blot analysis of extracts from Mouse heart, Rat heart tissues using db12189 at 1:1000.