

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

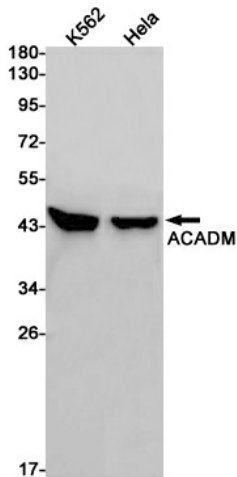
**Clonality**

Monoclonal

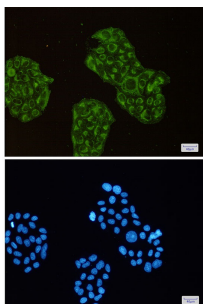
**Clonality No.**

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 detection of ACADM in K562,HeLa cell lysates using ACADM antibody(1:1000 diluted).



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