

## ACADM monoclonal antibody

Catalog: MB11903

Host: Rabbit

Reactivity: Human, Mouse, Rat

### 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.

### Product:

50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% BSA

### Molecular Weight:

Calculated MW: 47 kDa; Observed MW: 47 kDa

### Swiss-Prot:

P11310

### Purification&Purity:

Affinity Purified

### Applications:

WB: 1/500-1/1000 IHC: 1/50-1/100 IF: 1/50-1/200  
IP: 1/20

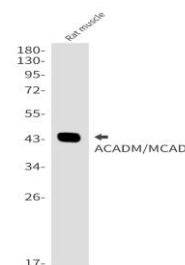
### Storage&Stability:

Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

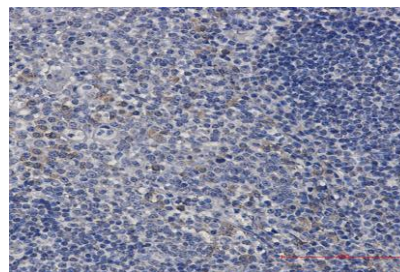
### Isotype:

IgG

### DATA:



Immunocytochemistry analysis of ACADM in 293T using ACADM antibody, and DAPI.



Western blot analysis of ACADM/MCAD in rat muscle lysates using ACADM/MCAD antibody.

Western blot analysis of ACADM/MCAD in Hela, A549, MCF-7, U251, C2C12 lysates using ACADM/MCAD antibody

Immunohistochemistry analysis of paraffin-embedded Human tonsil using ACADM/MCAD antibody. High-pressure and temperature Sodium Citrate pH 6.0 was used for antigen retrieval.

### Note:

For research use only, not for use in diagnostic procedure.

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