

ACADM RABBIT MAB

Cat.#: N263205

Product Name: Anti-ACADM Rabbit Monoclonal Antibody

Synonyms: ACADM; Medium-chain specific acyl-CoA dehydrogenase; mitochondrial; MCAD

UNIPROT ID: P11310

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.

Immunogen: A synthetic peptide of human ACADM/MCAD

Applications: WB,IHC-F,IHC-P,ICC/IF,IP

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

Host Species: Rabbit

Clonality: Rabbit Monoclonal

Clone ID: R04-4F0

MW: Calculated MW: 47 kDa; Observed MW: 47 kDa

Isotype: IgG

Purification: Affinity Purified

Species Reactivity: Human,Mouse,Rat

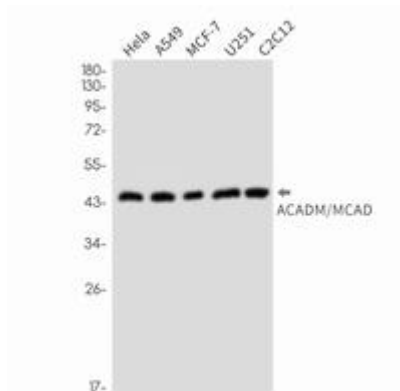
Conjugation: Unconjugated

Modification: Unmodified

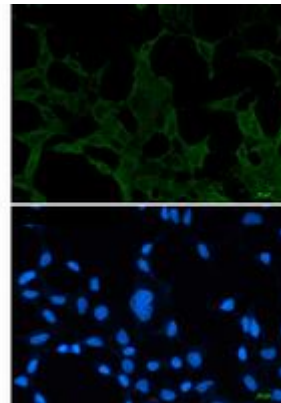
Constituents: PBS (without Mg²⁺ and Ca²⁺), pH 7.3 containing 50% glycerol, 0.5% BSA and 0.02% sodium azide

Research Areas: Signal Transduction

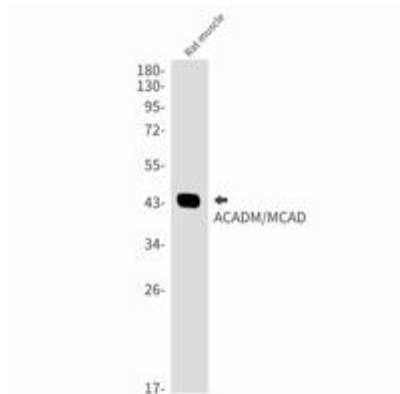
Storage & Shipping: Store at -20°C. Avoid repeated freezing and thawing



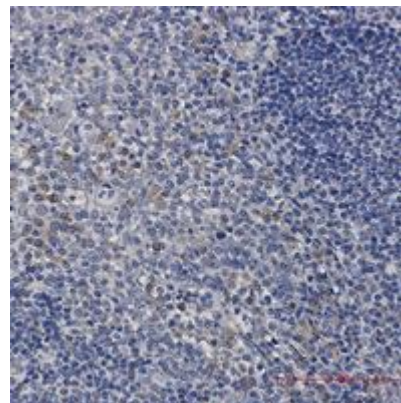
Western blot analysis of ACADM/MCAD in HeLa, A549, MCF-7, U251, C2C12 lysates using ACADM/MCAD antibody



Immunocytochemistry analysis of ACADM (green) in 293T using ACADM antibody, and DAPI (blue).



Western blot analysis of ACADM/MCAD in rat muscle 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.