

ACADM monoclonal antibody

Catalog: MB23294

Host: Mouse

Reactivity: Human

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:

Purified antibody in PBS with 0.05% sodium azide

Molecular Weight:

46.6KDa

Swiss-Prot:

P11310

Purification&Purity:

The antibody was affinity-purified from mouse ascites by affinity-chromatography using epitope-specific immunogen and the purity is > 95% (by SDS-PAGE).

Applications:

WB:1/500 - 1/2000 IHC:1/200 - 1/1000 IF:1/200 - 1/1000
FC:1/200 - 1/400

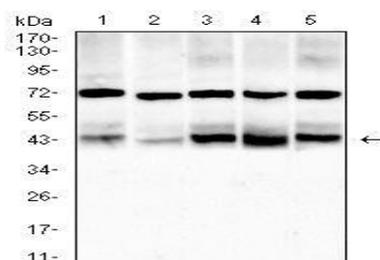
Storage&Stability:

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

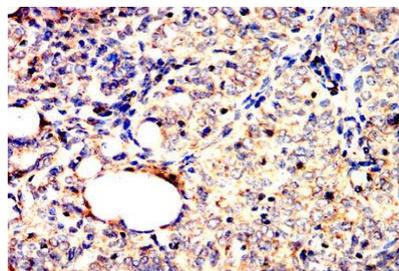
Isotype:

Mouse IgG1

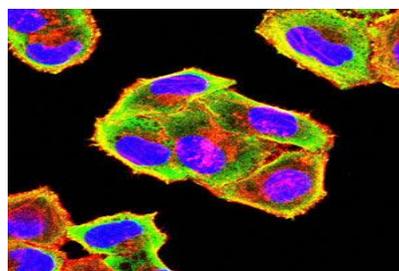
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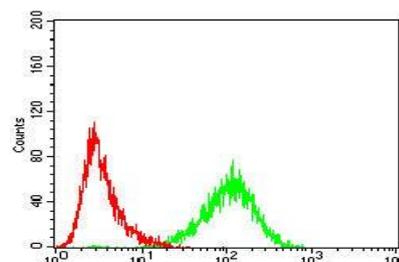
Western blot analysis using ACADM mouse mAb against HeLa (1), HepG2 (2), Jurkat (3), Raji (4) and K562 (5) cell lysate.



Immunohistochemical analysis of paraffin-embedded human cervical carcinoma tissues using ACADM mouse mAb with DAB staining.



Immunofluorescence analysis of HeLa cells using ACADM mouse mAb (green). Blue: DRAQ5 fluorescent DNA dye. Red: Actin filaments have been labeled with Alexa Fluor- 555 phalloidin. Secondary antibody from Fisher (Cat#: 35503)



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PRODUCT DATA SHEET

Bioworld Technology, Inc.

Flow cytometric analysis of HL-60 cells using ACADM mouse mAb
(green) and negative control (red).

Note:

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

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