

For Research Use Only

CoraLite®594-conjugated ACADM Monoclonal antibody



Catalog Number:CL594-67742

Basic Information

Catalog Number:

CL594-67742

Size:

1000 µg/ml

Source:

Mouse

Isotype:

IgG1

Immunogen Catalog Number:

AG30620

GenBank Accession Number:

BC005377

GeneID (NCBI):

34

UNIPROT ID:

P11310

Full Name:

acyl-Coenzyme A dehydrogenase, C-4 to C-12 straight chain

Calculated MW:

421 aa, 47 kDa

Observed MW:

42 kDa

Purification Method:

Protein G purification

CloneNo.:

1A11G6

Recommended Dilutions:

IF 1:50-1:500

Excitation/Emission maxima

wavelengths:

588 nm / 604 nm

Applications

Tested Applications:

IF-P

Species Specificity:

Human

Positive Controls:

IF : mouse liver tissue,

Background Information

ACADM, also named as MCAD, belongs to the acyl-CoA dehydrogenase family. This enzyme is specific for acyl chain lengths of 4 to 16. It catalyzes the reaction: Acyl-CoA + acceptor = 2,3-dehydroacyl-CoA + reduced acceptor. Defects in ACADM are the cause of medium-chain acyl-CoA dehydrogenase deficiency (MCAD deficiency). This protein can exist as a dimer(PMID:8962055). This antibody is specific to ACADM.

Storage

Storage:

Store at -20°C. Avoid exposure to light. Stable for one year after shipment.

Storage Buffer:

PBS with 50% Glycerol, 0.05% Proclin300, 0.5% BSA, pH 7.3.

Aliquoting is unnecessary for -20°C storage

For technical support and original validation data for this product please contact:

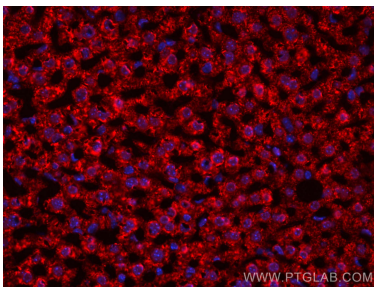
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This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



Immunofluorescent analysis of (4% PFA) fixed mouse liver tissue using CoraLite®594 ACADM antibody (CL594-67742, Clone: 1A11G6) at dilution of 1:200.