

For Research Use Only

CoraLite® Plus 488-conjugated ACADM Monoclonal antibody



Catalog Number: CL488-67742

Basic Information

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|---|--|---|
| Catalog Number: CL488-67742 | GenBank Accession Number: BC005377 | Purification Method: Protein G purification |
| Size: 1000 µg/ml | GeneID (NCBI): 34 | CloneNo.: 1A11G6 |
| Source: Mouse | UNIPROT ID: P11310 | Recommended Dilutions: IF 1:50-1:500 |
| Isotype: IgG1 | Full Name: acyl-Coenzyme A dehydrogenase, C-4 to C-12 straight chain | Excitation/Emission maxima wavelengths: 493 nm / 522 nm |
| Immunogen Catalog Number: AG30620 | Calculated MW: 421 aa, 47 kDa | |
| | Observed MW: 42-47 kDa | |

Applications

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| Tested Applications: IF-P | Positive Controls: IF : human liver cancer tissue, |
| Species Specificity: Human | |

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:

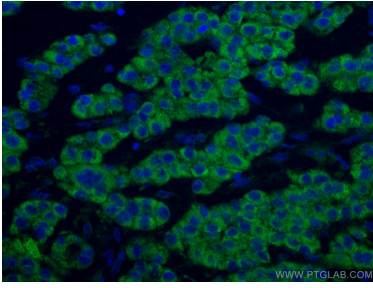
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This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



Immunofluorescent analysis of (4% PFA) fixed human liver cancer tissue using CoraLite® Plus 488 ACADM antibody (CL488-67742, Clone: 1A11G6) at dilution of 1:200.