

For Research Use Only

CoraLite® Plus 488-conjugated ACADM Monoclonal antibody

Catalog Number: CL488-67742



Basic Information

Catalog Number:	GenBank Accession Number:	Purification Method:
CL488-67742	BC005377	Protein G purification
Size:	GeneID (NCBI):	CloneNo.:
100ul , Concentration: 1000 ug/ml by Nanodrop;	34	1A11G6
Source:	UNIPROT ID:	Recommended Dilutions:
Mouse	P11310	IF-P 1:50-1:500
Isotype:	Full Name:	Excitation/Emission maxima
IgG1	acyl-Coenzyme A dehydrogenase, C-4 to C-12 straight chain	wavelengths:
Immunogen Catalog Number:	Calculated MW:	493 nm / 522 nm
AG30620	421 aa, 47 kDa	
	Observed MW:	
	42-47 kDa	

Applications

Tested Applications:	Positive Controls:
IF-P	IF-P : 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.

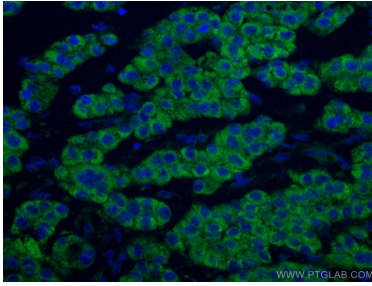
Storage

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:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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.