

For Research Use Only



CoraLite® Plus 488-conjugated EHHADH Recombinant monoclonal antibody

Catalog Number: **CL488-87579**

Basic Information

Catalog Number: CL488-87579	GenBank Accession Number: BC038948	Purification Method: Protein A purification
Size: 100ul , Concentration: 1000 ug/ml by Nanodrop;	GeneID (NCBI): 1962	CloneNo.: 252944F5
Source: Rabbit	UNIPROT ID: Q08426	Recommended Dilutions: IF/ICC: 1:50-1:500
Isotype: IgG	Full Name: enoyl-Coenzyme A, hydratase/3-hydroxyacyl Coenzyme A dehydrogenase	Excitation/Emission maxima wavelengths: 493 nm / 522 nm
Immunogen Catalog Number: AG24237	Calculated MW: 723 aa, 79 kDa	
	Observed MW: 69 kDa	

Applications

Tested Applications: IF/ICC	Positive Controls: IF/ICC : HepG2 cells,
Species Specificity: human, mouse, rat	

Background Information

EHHADH, as the "bifunctional catalytic center" of peroxisome fatty acid β -oxidation, its expression and activity directly affect energy metabolism, inflammation level and cell fate. Gene defect causes serious neuro-renal tubular lesions, and abnormal expression is closely related to modern chronic diseases such as obesity, diabetes and tumor, which is one of the hot metabolic enzymes concerned by basic research and clinical transformation. It is mainly located in peroxisome, and some activity can be detected in mitochondrial inner membrane, and it is highly expressed in liver, kidney, heart and other organs.

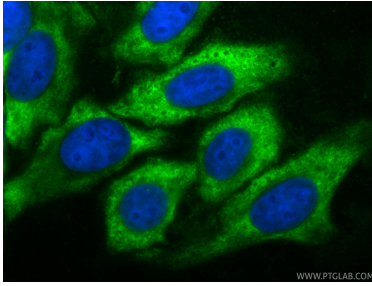
Storage

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, pH7.3
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
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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 (-20°C Ethanol)
fixed HepG2 cells using CoraLite® Plus 488
EHHADH antibody (CL488-87579, Clone: 252944F5
) at dilution of 1:200.