

For Research Use Only

CoraLite® Plus 488-conjugated HIBCH Monoclonal antibody



Catalog Number: CL488-68157

Basic Information

Catalog Number: CL488-68157	GenBank Accession Number: BC067822	Purification Method: Protein A purification
Size: 1000 µg/ml	GeneID (NCBI): 26275	CloneNo.: 1B7B8
Source: Mouse	UNIPROT ID: Q6NVY1	Recommended Dilutions: IF 1:50-1:500
Isotype: IgG2a	Full Name: 3-hydroxyisobutyryl-Coenzyme A hydrolase	Excitation/Emission maxima wavelengths: 493 nm / 522 nm
Immunogen Catalog Number: AG6473	Calculated MW: 43 kDa	
	Observed MW: 38 kDa	

Applications

Tested Applications: IF/ICC	Positive Controls: IF : HepG2 cells,
Species Specificity: Human, mouse, rat, rabbit, pig	

Background Information

HIBCH belongs to the enoyl-CoA hydratase/isomerase family. HIBCH has two isoforms with MW 43 kDa and 38 kDa. It is highly expressed in the liver and kidney, also detected in the heart, muscle and brain (at protein level), but not detected in the lung. Hydrolyzes 3-hydroxyisobutyryl-CoA (HIBYL-CoA), a saline catabolite. Has high activity toward isobutyryl-CoA. Could be an isobutyryl-CoA dehydrogenase that functions in valine catabolism. Also hydrolyzes 3-hydroxypropanoyl-CoA (PMID: 8824301).

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:

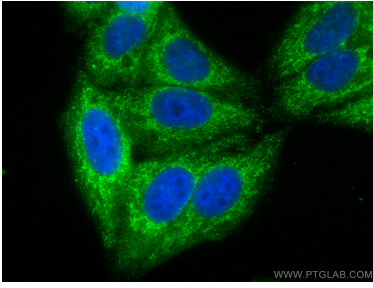
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This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



Immunofluorescent analysis of (4% PFA) fixed HepG2 cells using CoraLite® Plus 488 HIBCH antibody (CL488-68157, Clone: 1B7B8) at dilution of 1:100.