

For Research Use Only

CoraLite® Plus 488-conjugated HIBCH Monoclonal antibody

Catalog Number: CL488-68157

Featured Product



Basic Information

Catalog Number:

CL488-68157

Concentration:

1000 ug/ml

Source:

Mouse

Isotype:

IgG2a

Immunogen Catalog Number:

AG6473

GenBank Accession Number:

BC067822

GeneID (NCBI):

26275

UNIPROT ID:

Q6NVY1

Full Name:

3-hydroxyisobutyryl-Coenzyme A hydrolase

Calculated MW:

43 kDa

Observed MW:

38 kDa

Purification Method:

Protein A purification

CloneNo.:

1B7B8

Recommended Dilutions:

IF/ICC 1:50-1:500

Excitation/Emission maxima wavelengths:

493 nm / 522 nm

Applications

Tested Applications:

IF/ICC

Species Specificity:

human, mouse, rat, pig, rabbit

Positive Controls:

IF/ICC : HepG2 cells,

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:

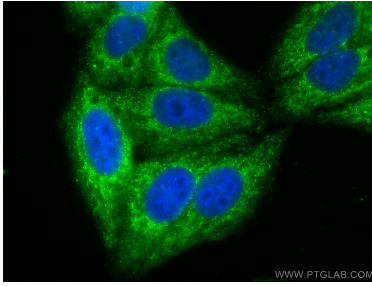
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This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

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.