

For Research Use Only

# CoraLite® Plus 488-conjugated HIBCH Recombinant antibody

Catalog Number: CL488-83569



## Basic Information

Catalog Number:

CL488-83569

Concentration:

1000 ug/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG6149

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.:

240590A3

Recommended Dilutions:

IF/ICC: 1:50-1:500

Excitation/Emission maxima  
wavelengths:

493 nm / 522 nm

## Applications

Tested Applications:

IF/ICC

Species Specificity:

human, rat

Positive Controls:

IF/ICC : HeLa cells, 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, pH7.3

Aliquoting is unnecessary for -20°C storage

For technical support and original validation data for this product please contact:

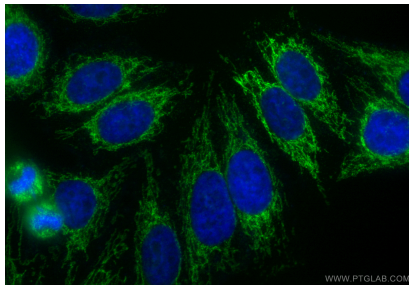
T: 4006900926

E: [Proteintech-CN@ptglab.com](mailto:Proteintech-CN@ptglab.com)

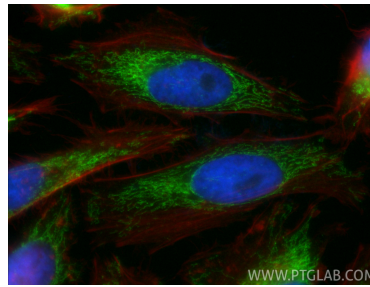
W: [ptgcn.com](http://ptgcn.com)

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## Selected Validation Data



Immunofluorescent analysis of (4% PFA) fixed HepG2 cells using CoraLite® Plus 488 HIBCH antibody (CL488-83569, Clone: 240590A3 ) at dilution of 1:200.



Immunofluorescent analysis of (4% PFA) fixed HeLa cells using CoraLite® Plus 488 HIBCH antibody (CL488-83569, Clone: 240590A3 ) at dilution of 1:200, CL594-phalloidin (red).