

For Research Use Only

CoraLite® Plus 488-conjugated CYP7B1 Recombinant antibody

Catalog Number: CL488-82927



Basic Information

Catalog Number:

CL488-82927

Size:

1000 µg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG19374

GenBank Accession Number:

BC136574

GeneID (NCBI):

9420

UNIPROT ID:

O75881

Full Name:

cytochrome P450, family 7, subfamily B, polypeptide 1

Calculated MW:

506 aa, 58 kDa

Observed MW:

50-55 kDa

Purification Method:

Protein A purification

CloneNo.:

230160H5

Recommended Dilutions:

IF/ICC 1:50-1:500

Excitation/Emission maxima

wavelengths:

493 nm / 522 nm

Applications

Tested Applications:

IF/ICC

Species Specificity:

human

Positive Controls:

IF/ICC : HepG2 cells,

Background Information

CYP7B1 (Cytochrome P450 7B1) is also named as 25-hydroxycholesterol 7- α -hydroxylase and belongs to the cytochrome P450 family. It catalyzes the first and rate-limiting step in the coconversion of cholesterol to bile acids and CYP7B1-mediated catalysis may play a role for control of the cellular levels of androgens, not only of estrogens.

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: 4006900926

E: Proteintech-CN@ptglab.com

W: ptgcn.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 (-20°C Ethanol)
fixed HepG2 cells using CoraLite® Plus 488
CYP7B1 antibody (CL488-82927, Clone: 230160H5)
at dilution of 1:200.