

For Research Use Only

CoraLite® Plus 488-conjugated CYP7B1 Recombinant antibody

Catalog Number: CL488-82927



Basic Information

Catalog Number: CL488-82927	GenBank Accession Number: BC136574	Purification Method: Protein A purification
Size: 100ul , Concentration: 1000 ug/ml by Nanodrop;	GeneID (NCBI): 9420	CloneNo.: 230160H5
Source: Rabbit	UNIPROT ID: O75881	Recommended Dilutions: IF/ICC 1:50-1:500
Isotype: IgG	Full Name: cytochrome P450, family 7, subfamily B, polypeptide 1	Excitation/Emission maxima wavelengths: 493 nm / 522 nm
Immunogen Catalog Number: AG19374	Calculated MW: 506 aa, 58 kDa	
	Observed MW: 50-55 kDa	

Applications

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

Background Information

CYP7B1(Cytochrome P450 7B1) is also named as 25-hydroxycholesterol 7-alpha-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: 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
CVP7B1 antibody (CL488-82927, Clone: 230160H5)
at dilution of 1:200.