

For Research Use Only

# OATP1B1/SLCO1B1 Recombinant antibody

Catalog Number: 83054-5-RR



## Basic Information

Catalog Number:

83054-5-RR

Concentration:

1000 ug/ml

Source:

Rabbit

Isotype:

IgG

GenBank Accession Number:

NM\_006446

GeneID (NCBI):

10599

UNIPROT ID:

Q9Y6L6

Full Name:

solute carrier organic anion  
transporter family, member 1B1

Calculated MW:

76 kDa

Purification Method:

Protein A purification

CloneNo.:

230090F6

Recommended Dilutions:

IF/ICC 1:200-1:800

## Applications

Tested Applications:

IF/ICC, ELISA

Species Specificity:

human

Positive Controls:

IF/ICC : HepG2 cells,

## Background Information

A membrane-bound sodium-independent organic anion transporter protein (OATP1B1), encoded by the SLCO1B1 gene (Solute Carrier Organic Anion Transporter Family Member 1B1), is a critical hepatic uptake transporter that plays a pivotal role in the pharmacokinetics and pharmacodynamics of numerous endogenous compounds and xenobiotics. OATP1B1 is expressed predominantly on the basolateral membrane of hepatocytes, where it mediates active intracellular hepatic transport of various anionic compounds. Polymorphisms in the gene encoding this protein are associated with impaired transporter function.

## Storage

Storage:

Store at -20°C. Stable for one year after shipment.

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

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

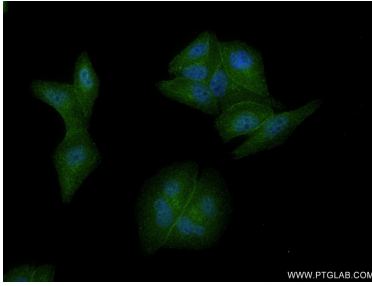
T: 4006900926

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

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## Selected Validation Data



Immunofluorescent analysis of (4% PFA) fixed HepG2 cells using SLCO1B1 antibody (83054-5-RR, Clone: 230090F6 ) at dilution of 1:400 and CoraLite®488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L) (SA00013-1).