

For Research Use Only

# OATP1B1/SLCO1B1 Recombinant antibody

Catalog Number: 83054-5-RR



## Basic Information

### Catalog Number:

83054-5-RR

### Size:

100ul , Concentration: 1000 ug/ml by Nanodrop;

### 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

\*\*\* 20ul sizes contain 0.1% BSA

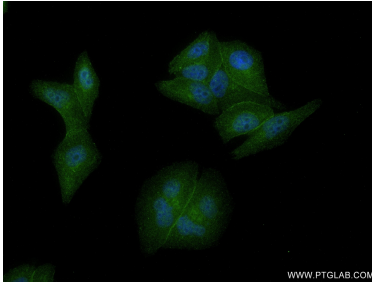
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## Selected Validation Data



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).