

For Research Use Only

OATP1B1/SLCO1B1 Recombinant antibody, PBS Only

Catalog Number: 83054-5-PBS



Basic Information

Catalog Number:

83054-5-PBS

Size:

100ug, Concentration: 1 mg/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

Applications

Tested Applications:

IF/ICC, Indirect ELISA

Species Specificity:

human

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 -80°C.

Storage Buffer:

PBS Only

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

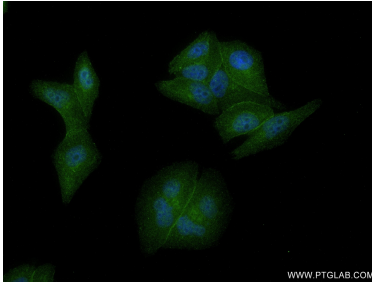
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

E: proteintech@ptglab.com

W: 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). This data was developed using the same antibody clone with 83054-5-PBS in a different storage buffer formulation.