

## UK Office

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**Research Use Only. Not for  
diagnostic or therapeutic use.**

## EB10666 - Goat Anti-SLCO1B1 Antibody

Size: 100µg specific antibody in 200µl



### Target Protein

**Principal Names:** SLCO1B1, solute carrier organic anion transporter family, member 1B1, LST-1, LST1, MGC133282, OATP-C, OATP1B1, OATP2, OATPC, OATP-2, liver-specific organic anion transporter 1, sodium-independent organic anion-transporting polypeptide 2, solute c

**Official Symbol:** SLCO1B1

**Accession Number(s):** NP\_006437.3

**Human GeneID(s):** [10599](#)

### Immunogen

Peptide with sequence C-KYQEKDINASEN, from the internal region (near C Terminus) of the protein sequence according to NP\_006437.3.

Please note the [peptide](#) is available for sale.

### Purification and Storage

Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.

Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin.

Aliquot and store at -20°C. Minimize freezing and thawing.

### Applications Tested

**Peptide ELISA:** antibody detection limit dilution 1:32000.

**Immunofluorescence:** Strong expression of the protein seen in the plasma membrane of HepG2 cells. Recommended concentration: 10µg/ml. This antibody has been successfully used in IF on Human: Malinen MM et al (2019). PMID: 30685239.

### Species Reactivity

**Tested:** Human

**Expected from sequence similarity:** Human

### Specific Reference

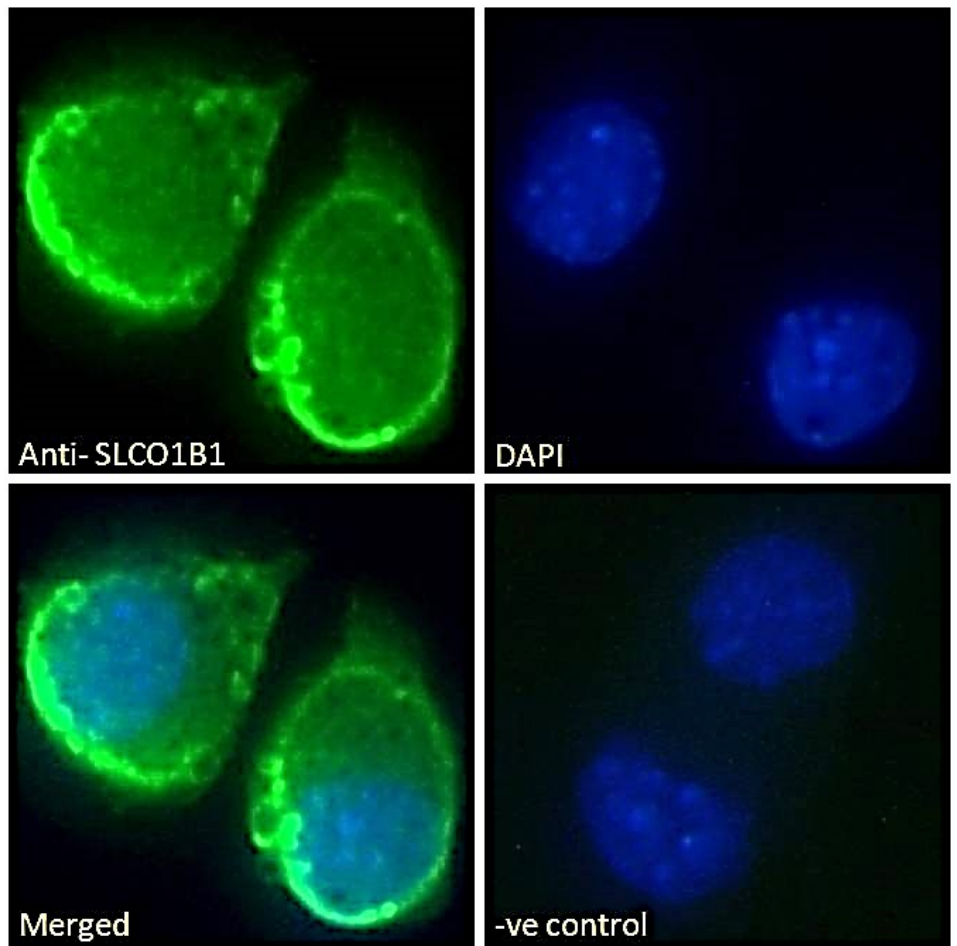
**This antibody has been successfully used in IF on Human:**

Malinen MM, Ito K, Kang HE, Honkakoski P, Brouwer KLR

Protein expression and function of organic anion transporters in short-term and long-term cultures of Huh7 human hepatoma cells.

Eur J Pharm Sci. 2019 Mar 15;130:186-195

PMID: 30685239



EB10666 Immunofluorescence analysis of paraformaldehyde fixed HepG2 cells, permeabilized with 0.15% Triton. Primary incubation 1hr (10ug/ml) followed by Alexa Fluor 488 secondary antibody (2ug/ml), showing plasma membrane staining. The nuclear stain is DAPI (blue). Negative control: Unimmunized goat IgG (10ug/ml) followed by Alexa Fluor 488 secondary antibody (2ug/ml).