



## Product datasheet

### Anti-OATP1B1 antibody [MDQ] $\alpha$ b15442

★★★★★ [2 Abreviews](#) [3 References](#) [1 Image](#)

#### Overview

<b>Product name</b>	Anti-OATP1B1 antibody [MDQ]
<b>Description</b>	Mouse monoclonal [MDQ] to OATP1B1
<b>Host species</b>	Mouse
<b>Specificity</b>	Ab15442 will also cross react with OATP8.
<b>Tested applications</b>	<b>Suitable for:</b> ICC/IF
<b>Species reactivity</b>	<b>Reacts with:</b> Human <b>Does not react with:</b> Mouse, Rat, Dog
<b>Immunogen</b>	Synthetic peptide corresponding to Human OATP1B1 aa 1-23. Sequence: MDQNQHNLNKTAEAQPSSENKKTRY <a href="#"> Run BLAST with</a> <a href="#"> Run BLAST with</a>
<b>Positive control</b>	Human liver tissue slides.
<b>General notes</b>	<p>The Life Science industry has been in the grips of a reproducibility crisis for a number of years. Abcam is leading the way in addressing this with our range of recombinant monoclonal antibodies and knockout edited cell lines for gold-standard validation. Please check that this product meets your needs before purchasing.</p> <p>If you have any questions, special requirements or concerns, please send us an inquiry and/or contact our Support team ahead of purchase. Recommended alternatives for this product can be found below, along with publications, customer reviews and Q&amp;As</p>

#### Properties

<b>Form</b>	Liquid
<b>Storage instructions</b>	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C. Avoid freeze / thaw cycle.
<b>Storage buffer</b>	Preservative: 0.09% Sodium azide
<b>Purity</b>	Tissue culture supernatant
<b>Clonality</b>	Monoclonal
<b>Clone number</b>	MDQ
<b>Isotype</b>	IgG1

## Applications

### The Abpromise guarantee

Our **Abpromise guarantee** covers the use of ab15442 in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
ICC/IF		1/20.

## Target

### Function

Mediates the Na(+)-independent uptake of organic anions such as pravastatin, taurocholate, methotrexate, dehydroepiandrosterone sulfate, 17-beta-glucuronosyl estradiol, estrone sulfate, prostaglandin E2, thromboxane B2, leukotriene C3, leukotriene E4, thyroxine and triiodothyronine. May play an important role in the clearance of bile acids and organic anions from the liver.

### Tissue specificity

Highly expressed in liver. Not detected in heart, brain, placenta, lung, skeletal muscle, kidney, pancreas, spleen, thymus, prostate, testis, ovary, small intestine, colon and leukocyte.

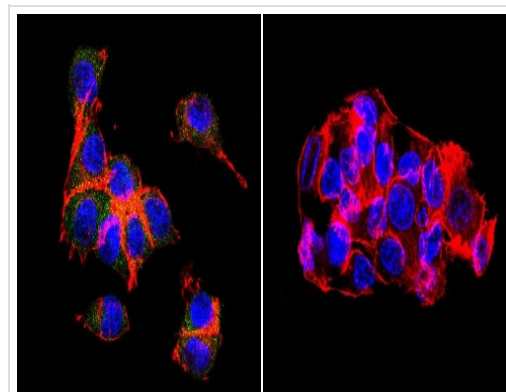
### Sequence similarities

Belongs to the organo anion transporter (TC 2.A.60) family.  
Contains 1 Kazal-like domain.

### Cellular localization

Basolateral cell membrane. Detected in basolateral membranes of hepatocytes.

## Images



Immunocytochemistry/ Immunofluorescence - Anti-OATP1B1 antibody [MDQ] (ab15442)

Immunocytochemistry/Immunofluorescence analysis of HepG2 cells labeling OATP1B1 (green) with **ab15542** at 1/20. F-Actin staining with Phalloidin (red) and nuclei with DAPI (blue). Cells were fixed with formaldehyde and incubated with the primary antibody overnight at 4°C. A DyLight 488-conjugated secondary antibody was used. 60X magnification. Right - negative control.

**Please note:** All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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