

Mouse OATP2 Monoclonal Antibody | anti-OATP2 antibody

OATP2 antibody

CATALOG # AAA106224	HOST Mouse	APPLICATIONS Western Blot, Immunohistochemistry, Immunofluorescence
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PRODUCT SYNONYMS

OATP2; Monoclonal Antibody; OATP2 antibody; Monoclonal OATP2; Anti OATP2; OATP 2; OATP-2; Organic Anion Transporting Polypeptide 2; anti-OATP2 antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Clonality	Monoclonal
Isotype	IgM
Clone Number	mESL
Specificity	Human OATP2
Form/Format	Hybridoma cell culture supernatant with 0.09% Sodium Azide
Concentration	5.0 ml per vial (varies by lot)
Sequence Length	691
Applicable Applications for anti-OATP2 antibody	WB (Western Blot), IHC (Immunohistochemistry), IF (Immunofluorescence)
Biological Significance	The OATP2 encodes a liver-specific member of the organic anion transporter family. The encoded protein is a transmembrane receptor that mediates the sodium-independent uptake of numerous endogenous compounds including bilirubin, 17-beta-glucuronosyl estradiol and leukotriene C4. This protein is also involved in the removal of drug compounds such as statins, bromosulfophthalein and rifampin from the blood into the hepatocytes. Polymorphisms in the gene encoding this protein are associated with impaired transporter function.
Cross-Reactivity	Human
Immunogen	Synthetic C-terminus (21aa) of human organic anion transporter SLC21A6 coupled to KLH.
Preparation and Storage	Store at 4°C short term or aliquot and freeze at -20°C. Avoid repeat freeze/thaw cycles.

ADDITIONAL INFORMATION

Related Product Information for anti-OATP2 antibody	Mouse monoclonal OATP2 antibody
Product Categories/Family for anti-OATP2 antibody	Cell Biology

NCBI AND UNIPROT INFORMATION

NCBI GI #	6636522
NCBI GeneID	10599
UniProt Accession #	Q9Y6L6 ; Q29R64 ; Q9NQ37 ; Q9UBF3 ; Q9UH89 ; B2R7G2
NCBI Official Full Name	organic anion transport polypeptide 2

NCBI Official Synonym Full Names	solute carrier organic anion transporter family, member 1B1
NCBI Official Symbol	SLCO1B1
NCBI Official Synonym Symbols	LST1; HBLRR; LST-1; OATP2; OATPC; OATP-C; OATP1B1; SLC21A6
NCBI Protein Information	solute carrier organic anion transporter family member 1B1
UniProt Protein Name	Solute carrier organic anion transporter family member 1B1
UniProt Gene Name	SLCO1B1
UniProt Synonym Gene Names	LST1; OATP1B1; OATP2; OATPC; SLC21A6; LST-1; OATP-2
UniProt Entry Name	SO1B1_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/oatp2-antibody-clone-mesl-western-blot-immunohistochemistry-immunofluorescence-elisa/106224>