

OATP2 Monoclonal Antibody (ESL)

Product Details	
Size	100 µL
Species Reactivity	Human
Published Species	Human
Host/Isotope	Mouse / IgM
Class	Monoclonal
Type	Antibody
Clone	ESL
Conjugate	Unconjugated
Immunogen	Synthetic peptide corresponding to residues E(671) S L N K N K H F V P S A G A D S E T H C(691) of human OATP2.
Form	Liquid
Storage buffer	tissue culture supernatant
Contains	0.09% sodium azide
Storage Conditions	-20° C, Avoid Freeze/Thaw Cycles
RRID	AB_2189585

Applications	Tested Dilution	Publications
Immunofluorescence (IF)	1:100	-
Immunoprecipitation (IP)	Assay dependent	-
Western Blot (WB)	1:1000	2 Publications

Product Specific Information

MA3-934 detects OATP from human tissue and cells. This antibody does not detect dog, mouse or rat protein. MA3-934 shows no cross-reactivity to other OATP isoforms.

MA3-934 has been successfully used in immunofluorescence, western blotting, and immunoprecipitation procedures. Immunofluorescence staining of OATP2 in human liver samples results in a pattern consistent with plasma membrane staining.

The MA3-934 immunogen is a synthetic peptide corresponding to residues E(671) S L N K N K H F V P S A G A D S E T H C(691) of human OATP2.

Western Blot (2)

Biological and pharmaceutical bulletin

Screening of antibiotics that interact with organic anion-transporting polypeptides 1B1 and 1B3 using fluorescent probes.

"MA3-934 was used in western blot to identify the antibiotics able to interactg with organic anion-transporting polypeptides 1B1 and 1B3"

Authors: Yamaguchi H,Takeuchi T,Okada M,Kobayashi M,Unno M,Abe T,Goto J,Hishinuma T,Shimada M,Mano N

Species
Human

Dilution
1:100

Year
2011

Journal of lipid research

Transport of fluorescent chenodeoxycholic acid via the human organic anion transporters OATP1B1 and OATP1B3.

"MA3-934 was used in western blot to study how the liver uptake of chenodeoxycholic acid is regulated by organic anion-transporting polypeptide (OATP) 1B1 and 1B3"

Authors: Yamaguchi H,Okada M,Akitaya S,Ohara H,Mikkaichi T,Ishikawa H,Sato M,Matsuura M,Saga T,Unno M,Abe T, Mano N,Hishinuma T,Goto J

Species
Human

Dilution
1:1,000

Year
2006

For Research Use Only. Not for use in diagnostic procedures. Not for resale without express authorization. Products are warranted to operate or perform substantially in conformance with published Product specifications in effect at the time of sale, as set forth in the Production documentation, specifications and/or accompanying package inserts ("Documentation"). No claim of suitability for use in applications regulated by FDA is made. The warranty provided herein is valid only when used by properly trained individuals. Unless otherwise stated in the Documentation, this warranty is limited to one year from date of shipment when the Product is subjected to normal, proper and intended usage. This warranty does not extend to anyone other than the Buyer. Any model or sample furnished to Buyer is merely illustrative of the general type and quality of goods and does not represent that any Product will conform to such model or sample. NO OTHER WARRANTIES, EXPRESS OR IMPLIED, ARE GRANTED INCLUDING WITHOUT LIMITATION, IMPLIED WARRANTIES OF MERCHANTABILITY, FITNESS FOR ANY PARTICULAR PURPOSE, OR NON INFRINGEMENT. BUYER'S EXCLUSIVE REMEDY FOR NON-CONFORMING PRODUCTS DURING THE WARRANTY PERIOD IS LIMITED TO REPAIR, REPLACEMENT OF OR REFUND FOR THE NON-CONFORMING PRODUCT(S) AT SELLER'S SOLE OPTION. THERE IS NO OBLIGATION TO REPAIR, REPLACE OR REFUND FOR PRODUCTS AS THE RESULT OF (I) ACCIDENT, DISASTER OR EVENT OF FORCE MAJEURE, (II) MISUSE, FAULT OR NEGLIGENCE OF OR BY BUYER, (III) USE OF THE PRODUCTS IN A MANNER FOR WHICH THEY WERE NOT DESIGNED, OR (IV) IMPROPER STORAGE AND HANDLING OF THE PRODUCTS. Unless otherwise expressly stated on the Product or in the documentation accompanying the Product, the Product is intended for research only and is not to be used for any other purpose, including without limitation, unauthorized commercial uses, in vitro diagnostic uses, ex vivo or in vivo therapeutic uses, or any type of consumption by or application to human or animals.