

Product Datasheet

OATP1B1/OATP2 Antibody (ESL) NB100-74481

Unit Size: 100uL

Store at -20C. Avoid freeze-thaw cycles.

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NB100-74481**OATP1B1/OATP2 Antibody (ESL)**

Product Information	
Unit Size	100uL
Concentration	This product is unpurified. The exact concentration of antibody is not quantifiable.
Storage	Store at -20C. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	ESL
Preservative	0.09% Sodium Azide
Isotype	IgM
Purity	Unpurified
Buffer	Tissue culture supernatant
Product Description	
Description	Novus Biologicals Mouse OATP1B1/OATP2 Antibody (ESL) (NB100-74481) is a monoclonal antibody validated for use in IHC, WB, Flow and IP. Anti-OATP1B1/OATP2 Antibody: Cited in 3 publications. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Mouse
Gene ID	10599
Gene Symbol	SLCO1B1
Species	Human, Canine (Negative), Mouse (Negative), Rat (Negative)
Specificity/Sensitivity	OATP2 (ESL)
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.
Product Application Details	
Applications	Western Blot, Flow Cytometry, Immunohistochemistry, Immunohistochemistry-Frozen, Immunoprecipitation, Immunofluorescence
Recommended Dilutions	Western Blot 1:1000, Flow Cytometry 1:10 - 1:1000, Immunohistochemistry 1:10 - 1:500, Immunoprecipitation 1:10 - 1:500, Immunohistochemistry-Frozen 1:10 - 1:500, Immunofluorescence 1:100
Application Notes	Flow usage was reported in scientific literature (PMID: 25916617). IF: Staining of OATP2 in human liver samples results in a pattern consistent with plasma membrane staining. This antibody has been experimentally evaluated and determined to be unsuitable for use in immunohistochemistry on paraffin-embedded (IHC-P) tissue sections.

Publications

Hogg K, Thomas J, Ashford D et al. Quantification of proteins by flow cytometry: Quantification of human hepatic transporter P-gp and OATP1B1 using flow cytometry and mass spectrometry *Methods* 2015-04-24 [PMID: 25916617] (FLOW, Human)

Cui Y, Konig J, Nies AT et al. Detection of the human organic anion transporters SLC21A6 (OATP2) and SLC21A8 (OATP8) in liver and hepatocellular carcinoma. *Lab Invest.* 2003-04-01 [PMID: 12695556]

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. Transport of fluorescent chenodeoxycholic acid via the human organic anion transporters OATP1B1 and OATP1B3. *J Lipid Res*47(6):1196-202. 2006-06-01 [PMID: 16534140] (WB)





Novus Biologicals USA

10730 E. Briarwood Avenue
Centennial, CO 80112
USA
Phone: 303.730.1950
Toll Free: 1.888.506.6887
Fax: 303.730.1966
nb-customerservice@bio-techne.com

Bio-Techne Canada

21 Canmotor Ave
Toronto, ON M8Z 4E6
Canada
Phone: 905.827.6400
Toll Free: 855.668.8722
Fax: 905.827.6402
canada.inquires@bio-techne.com

Bio-Techne Ltd

19 Barton Lane
Abingdon Science Park
Abingdon, OX14 3NB, United Kingdom
Phone: (44) (0) 1235 529449
Free Phone: 0800 37 34 15
Fax: (44) (0) 1235 533420
info.EMEA@bio-techne.com

General Contact Information

www.novusbio.com
Technical Support: nb-technical@bio-techne.com
Orders: nb-customerservice@bio-techne.com
General: novus@novusbio.com

Products Related to NB100-74481

NBP2-33376H	Blue Marker Antibody (6F4-F6) [HRP]
HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB7539	Goat anti-Mouse IgG (H+L) Secondary Antibody [HRP]
NBP1-97007	Mouse IgM Isotype Control

Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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