Human FATP5
Alexa Fluor® 350-conjugated Antibody

Monoclonal Mouse IgG_{2A} Clone # 390917

Catalog Number: FAB3897U

100 µg

DESCRIPTION

Species Reactivity	Human
Specificity	Detects human FATP5. Stains human FATP5 transfectants but not irrelevant transfectants.
Source	Monoclonal Mouse IgG_{2A} Clone # 390917
Purification	Protein A or G purified from hybridoma culture supernatant
Immunogen	HEK293 human embryonic kidney cell line transfected with human FATP5 Met1-Leu690 Accession # Q9Y2P5
Conjugate	Alexa Fluor 350 Excitation Wavelength: 346 nm Emission Wavelength: 442 nm
Formulation	Supplied 0.2 mg/mL in a saline solution containing BSA and Sodium Azide. See Certificate of Analysis for details. *Contains <0.1% Sodium Azide, which is not hazardous at this concentration according to GHS classifications. Refer to the Safety Data Sheet (SDS) for additional information and handling instructions.

APPLICATIONS

Please Note: *Optimal dilutions should be determined by each laboratory for each application. General Protocols are available in the Technical Information section on our website.*

	Recommended Concentration	Sample
Flow Cytometry	0.25-1 µg/10^6 cells	Human FATP5 transfected HEK293 cells

PREPARATION AND STORAGE

Shipping	The product is shipped with polar packs. Upon receipt, store it immediately at the temperature recommended below.
Stability & Storage	**Protect from light. Do not freeze.** ● 12 months from date of receipt, 2 to 8 °C as supplied.

BACKGROUND

FATP5, also known as BACS, VLACSR and SLC27A5, is a 75 kDa endoplasmic reticulum membrane protein that is expressed in hepatocytes. FATP5 is required for the conjugation of bile acids to CoA and for the uptake of long chain fatty acids into the liver. Human FATP5 shares 71% and 66% amino acid sequence identity with mouse and rat FATP5, respectively.

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bio-techne®
Global bio-techne.com info@bio-techne.com techsupport@bio-techne.com TEL +1 612 379 2956
USA TEL 800 343 7475 Canada TEL 855 668 8722 China TEL +86 (21) 52380373
Europe | Middle East | Africa TEL +44 (0)1235 529449