

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 405 Excitation Wavelength: 405 nm Emission Wavelength: 421 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. <ul style="list-style-type: none"> ● 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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