Human FATP2
Alexa Fluor® 488-conjugated Antibody

Monoclonal Mouse IgG_1 Clone # 466106

Catalog Number: IC4659G
100 µg

DESCRIPTION

Species Reactivity	Human
Specificity	Detects human FATP2. Stains human FATP2 transfectants but not irrelevant transfectants.
Source	Monoclonal Mouse IgG_1 Clone # 466106
Purification	Protein A or G purified from hybridoma culture supernatant
Immunogen	HEK293 human embryonic kidney cell line transfected with human FATP2 Met1-Leu620 Accession # O14975
Conjugate	Alexa Fluor 488 Excitation Wavelength: 488 nm Emission Wavelength: 515-545 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
Intracellular Staining by Flow Cytometry	0.25-1 µg/10^6 cells	HepG2 human hepatocellular carcinoma cell line fixed with paraformaldehyde and permeabilized with saponin

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

Fatty Acid Transport Protein 2 (FATP2), also known as SLC27A2 (solute carrier family 27, member 2), is a multipass transmembrane protein that participates in the transport and metabolism of long chain fatty acids. It has acyl-CoA synthase activity and contains an AMP-binding motif. FATP2 localizes to the endoplasmic reticulum and is predominantly expressed in the liver and kidney. Human FATP2 shares 82% aa sequence identity with mouse and rat FATP2.

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