

DESCRIPTION

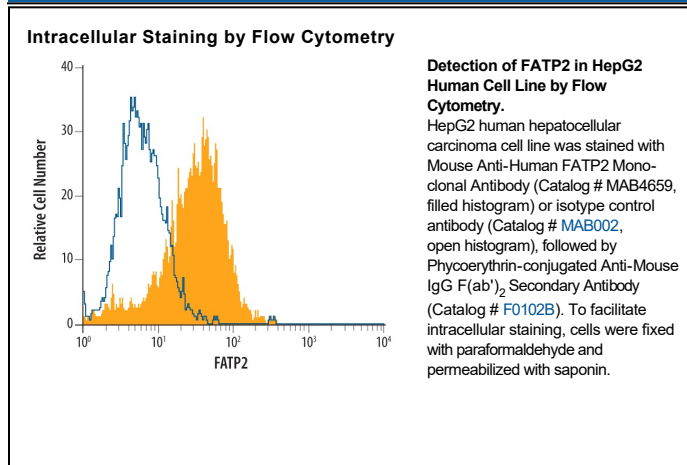
Species Reactivity	Human
Specificity	Detects human FATP2. Stains human FATP2 transfectants but not irrelevant transfectants.
Source	Monoclonal Mouse IgG ₁ Clone # 466106
Purification	Protein A or G purified from hybridoma culture supernatant
Immunogen	HEK293 human embryonic kidney cell line transfected with human FATP2 Met1-Leu620 Accession # O14975
Formulation	Lyophilized from a 0.2 µm filtered solution in PBS with Trehalose. See Certificate of Analysis for details. *Small pack size (-SP) is supplied either lyophilized or as a 0.2 µm filtered solution in PBS.

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	2.5 µg/10 ⁶ cells	See Below
CyTOF-ready	Ready to be labeled using established conjugation methods. No BSA or other carrier proteins that could interfere with conjugation.	

DATA



PREPARATION AND STORAGE

Reconstitution	Reconstitute at 0.5 mg/mL in sterile PBS.
Shipping	The product is shipped at ambient temperature. Upon receipt, store it immediately at the temperature recommended below. *Small pack size (-SP) is shipped with polar packs. Upon receipt, store it immediately at -20 to -70 °C
Stability & Storage	Use a manual defrost freezer and avoid repeated freeze-thaw cycles. <ul style="list-style-type: none"> • 12 months from date of receipt, -20 to -70 °C as supplied. • 1 month, 2 to 8 °C under sterile conditions after reconstitution. • 6 months, -20 to -70 °C under sterile conditions after reconstitution.

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.