Human MRP1 Alexa Fluor® 405-conjugated Antibody

Monoclonal Mouse IgG_{2A} Clone # 464510

Catalog Number: IC1929V

100 µg

DESCRIPTION

Species Reactivity	Human
Specificity	Detects human MRP1. Detects human MRP1-transfected cells, but not irrelevant transfectants by flow cytometry.
Source	Monoclonal Mouse IgG_{2A} Clone # 464510
Purification	Protein A or G purified from hybridoma culture supernatant
Immunogen	HEK293 human embryonic kidney cell line transfected with human MPR1 Met1-Val1531 Accession # P33527
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
Intracellular Staining by Flow Cytometry	0.25-1 µg/10^6 cells	Human blood-derived lymphocytes 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

MRP1 (Multidrug Resistance associated Protein 1), also known as ABCC1, belongs to the family of ATP-Binding Cassette (ABC) transporters. It confers multidrug resistance on tumor cells and is overexpressed in various human multidrug resistant tumor cell lines.

PRODUCT SPECIFIC NOTICES

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