

DESCRIPTION

Species Reactivity	Human
Specificity	Detects human MRP1 in direct ELISAs and Western blots.
Source	Monoclonal Mouse IgG ₁ Clone # QCRL
Purification	Protein A or G purified from hybridoma culture supernatant
Immunogen	H69AR human small cell lung cancer cell line membrane extracts
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	H69AR human small cell lung cancer 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. <ul style="list-style-type: none"> 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.

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