

For Research Use Only

CoraLite® Plus 488-conjugated MRP1 Monoclonal antibody

Catalog Number: CL488-67228



Basic Information

Catalog Number: CL488-67228	GenBank Accession Number: NM_004996	Purification Method: Protein G purification
Size: 100ul , Concentration: 1000 ug/ml by Nanodrop;	GeneID (NCBI): 4363	CloneNo.: 1G4A2
Source: Mouse	UNIPROT ID: P33527	Recommended Dilutions: IF/ICC 1:50-1:500
Isotype: IgG1	Full Name: ATP-binding cassette, sub-family C (CFTR/MRP), member 1	Excitation/Emission maxima wavelengths: 493 nm / 522 nm
Immunogen Catalog Number: AG27048	Calculated MW: 172 kDa	
	Observed MW: 180-190 kDa	

Applications

Tested Applications: IF/ICC	Positive Controls: IF/ICC : A549 cells,
Species Specificity: human	

Background Information

Multidrug resistant-associated protein 1 (MRP1; ABCC1) is a member of the ATP-binding cassette (ABC) transporter protein superfamily, subfamily C. MRP1 is overexpressed in cancers and contributes to the occurrence of multidrug resistance (MDR). Expression of MRP1 has been considered as a negative marker for the outcome of chemotherapy. Recently MRP1 has been reported to play a crucial role in Aβ clearance at the blood-brain barrier.

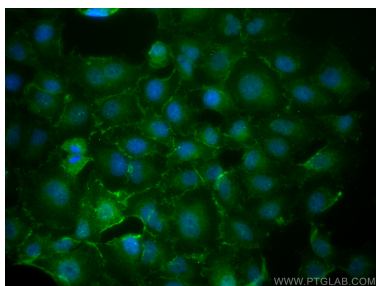
Storage

Storage:
Store at -20°C. Avoid exposure to light. Stable for one year after shipment.
Storage Buffer:
PBS with 50% Glycerol, 0.05% Proclin300, 0.5% BSA, pH 7.3.
Aliquoting is unnecessary for -20°C storage

For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
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This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



Immunofluorescent analysis of (4% PFA) fixed A549 cells using CoraLite® Plus 488 MRP1 antibody (CL488-67228, Clone: 1G4A2) at dilution of 1:200.