

For Research Use Only

# CoraLite® Plus 488-conjugated MRP1 Monoclonal antibody



Catalog Number: CL488-67228

## Basic Information

Catalog Number:

CL488-67228

Size:

1000 µg/ml

Source:

Mouse

Isotype:

IgG1

Immunogen Catalog Number:

AG27048

GenBank Accession Number:

NM\_004996

GeneID (NCBI):

4363

UNIPROT ID:

P33527

Full Name:

ATP-binding cassette, sub-family C  
(CFTR/MRP), member 1

Calculated MW:

172 kDa

Observed MW:

180-190 kDa

Purification Method:

Protein G purification

CloneNo.:

1G4A2

Recommended Dilutions:

IF/ICC 1:50-1:500

Excitation/Emission maxima

wavelengths:

493 nm / 522 nm

## Applications

Tested Applications:

IF/ICC

Species Specificity:

human

Positive Controls:

IF/ICC : A549 cells,

## 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 A $\beta$  clearance at the blood-brain barrier.

## Storage

Storage:

Store at -20°C. Avoid exposure to light.

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:

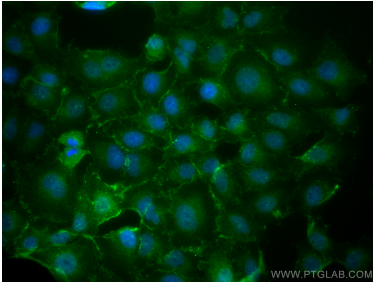
T: 4006900926

E: [Proteintech-CN@ptglab.com](mailto:Proteintech-CN@ptglab.com)

W: [ptgcn.com](http://ptgcn.com)

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.