

For Research Use Only

MRP1 Monoclonal antibody, PBS Only

Catalog Number: 67228-1-PBS



Basic Information

Catalog Number:

67228-1-PBS

Size:

100ug , Concentration: 1mg/ml by Nanodrop;

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 A purification

CloneNo.:

1G4A2

Applications

Tested Applications:

WB, IF/ICC, ELISA

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 A β clearance at the blood-brain barrier.

Storage

Storage:

Store at -80°C.

Storage Buffer:

PBS Only

For technical support and original validation data for this product please contact:

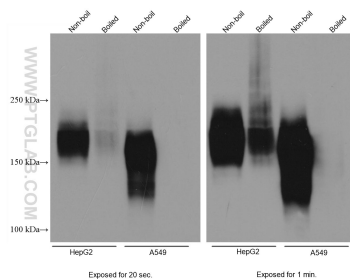
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

E: proteintech@ptglab.com

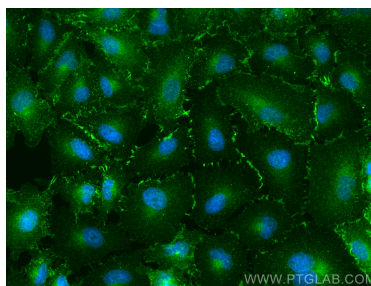
W: ptglab.com

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Selected Validation Data



Non-boil and boiled HepG2 and A549 cell lysates were subjected to SDS PAGE followed by western blot with 67228-1-Ig (ABCC1 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours. Left panel was exposed for 20 sec. and right panel was exposed for 1 min. This data was developed using the same antibody clone with 67228-1-PBS in a different storage buffer formulation.



Immunofluorescent analysis of (4% PFA) fixed A549 cells using MRP1 antibody (67228-1-Ig, Clone: 1G4A2) at dilution of 1:400 and CoraLite® 488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L). This data was developed using the same antibody clone with 67228-1-PBS in a different storage buffer formulation.