

For Research Use Only

MRP1 Monoclonal antibody

Catalog Number: 67228-1-Ig **14 Publications**



Basic Information

Catalog Number:

67228-1-Ig

Size:

2000 μ g/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 A purification

CloneNo.:

1G4A2

Recommended Dilutions:

WB 1:5000-1:50000

Applications

Tested Applications:

WB, ELISA

Cited Applications:

WB, IHC

Species Specificity:

Human

Cited Species:

human, mouse

Positive Controls:

WB : HepG2 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 β clearance at the blood-brain barrier.

Notable Publications

Author	Pubmed ID	Journal	Application
Shiyao Jiang	36139554	Cancers (Basel)	WB
Jianqiang Zhu	35533959	Environ Pollut	WB
Lusheng Wei	33782384	Cell Death Dis	WB

Storage

Storage:

Store at -20°C. Stable for one year after shipment.

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

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

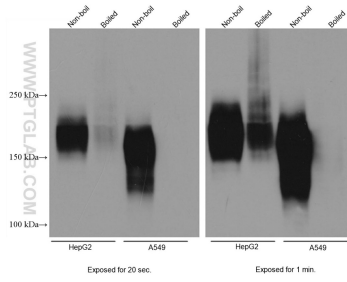
T: 4006900926

E: Proteintech-CN@ptglab.com

W: ptgcn.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.