

For Research Use Only

# MRP1 Monoclonal antibody

Catalog Number: 67228-1-Ig **13 Publications**



## Basic Information

<b>Catalog Number:</b> 67228-1-Ig	<b>GenBank Accession Number:</b> NM_004996	<b>Purification Method:</b> Protein A purification
<b>Size:</b> 150ul , Concentration: 2000 µg/ml by Nanodrop;	<b>GeneID (NCBI):</b> 4363	<b>CloneNo.:</b> 1G4A2
<b>Source:</b> Mouse	<b>UNIPROT ID:</b> P33527	<b>Recommended Dilutions:</b> WB 1:5000-1:50000
<b>Isotype:</b> IgG1	<b>Full Name:</b> ATP-binding cassette, sub-family C (CFTR/MRP), member 1	
<b>Immunogen Catalog Number:</b> AG27048	<b>Calculated MW:</b> 172 kDa	
	<b>Observed MW:</b> 180-190 kDa	

## Applications

<b>Tested Applications:</b> WB, ELISA	<b>Positive Controls:</b> WB : HepG2 cells,
<b>Cited Applications:</b> WB, IHC	
<b>Species Specificity:</b> Human	
<b>Cited Species:</b> human, mouse	

## 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.

## 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

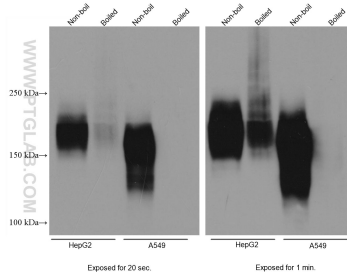
**Storage:**  
Store at -20°C. Stable for one year after shipment.  
**Storage Buffer:**  
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.  
Aliquoting is unnecessary for -20°C storage

\*\*\* 20ul sizes contain 0.1% BSA

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