

For Research Use Only

# MRP1 Monoclonal antibody, PBS Only



Catalog Number: 67228-1-PBS

## Basic Information

<b>Catalog Number:</b> 67228-1-PBS	<b>GenBank Accession Number:</b> NM_004996	<b>Purification Method:</b> Protein A purification
<b>Size:</b> 100ug , Concentration: 1 mg/ml by Nanodrop;	<b>GeneID (NCBI):</b> 4363	<b>CloneNo.:</b> 1G4A2
<b>Source:</b> Mouse	<b>UNIPROT ID:</b> P33527	
<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

**Tested Applications:**  
WB, 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 $\beta$  clearance at the blood-brain barrier.

## Storage

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

**Storage Buffer:**  
PBS only

Aliquoting is unnecessary for -20°C storage

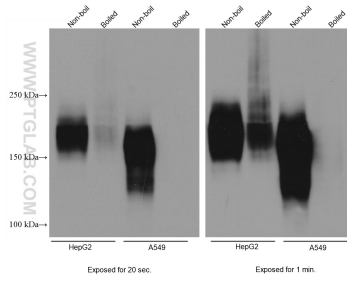
For technical support and original validation data for this product please contact:

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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. This data was developed using the same antibody clone with 67228-1-PBS in a different storage buffer formulation.