

For Research Use Only

MRP1 Monoclonal antibody, PBS Only



Catalog Number: 67228-1-PBS

Basic Information

Catalog Number: 67228-1-PBS	GenBank Accession Number: NM_004996	Purification Method: Protein A purification
Size: 5487 μ g/ml	GeneID (NCBI): 4363	CloneNo.: 1G4A2
Source: Mouse	UNIPROT ID: P33527	
Isotype: IgG1	Full Name: ATP-binding cassette, sub-family C (CFTR/MRP), member 1	
Immunogen Catalog Number: AG27048	Calculated MW: 172 kDa	
	Observed MW: 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 β 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:

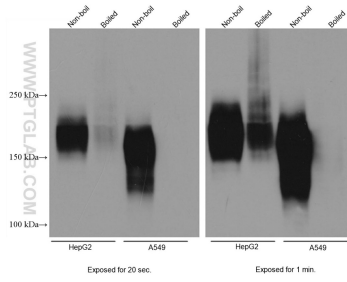
T: 4006900926

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