

For Research Use Only

# MRP4 Monoclonal antibody, PBS Only



Catalog Number: 67230-1-PBS

## Basic Information

<b>Catalog Number:</b> 67230-1-PBS	<b>GenBank Accession Number:</b> BC041560	<b>Purification Method:</b> Protein G purification
<b>Size:</b> 100ug , Concentration: 1 mg/ml by Nanodrop;	<b>GeneID (NCBI):</b> 10257	<b>CloneNo.:</b> 1B10B4
<b>Source:</b> Mouse	<b>UNIPROT ID:</b> O15439	
<b>Isotype:</b> IgG1	<b>Full Name:</b> ATP-binding cassette, sub-family C (CFTR/MRP), member 4	
<b>Immunogen Catalog Number:</b> AG10171	<b>Calculated MW:</b> 859 aa, 97 kDa	
	<b>Observed MW:</b> 160-180 kDa	

## Applications

**Tested Applications:**  
WB, IHC, Indirect ELISA

**Species Specificity:**  
Human

## Background Information

MRP4 (also known as ABCC4), belonging to ATP-binding cassette (ABC) transporter family, is a multi-transmembrane protein that is able to transport a range of organic anionic compounds (both endogenous and xenobiotic) out of the cell. It can exclude various drugs thus is considered as potential target to prevent drug-resistance.

## Storage

**Storage:**  
Store at -80°C.

**Storage Buffer:**  
PBS Only

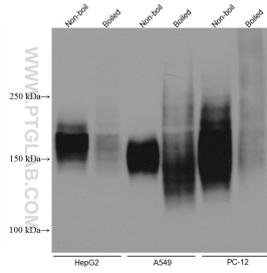
For technical support and original validation data for this product please contact:

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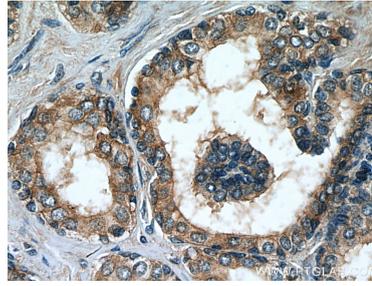
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## Selected Validation Data



Non-boil and boiled HepG2, A549, and PC-12 cell lysates were subjected to SDS PAGE followed by western blot with 67230-1-Ig (ABCC4 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 67230-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded human prostate hyperplasia tissue slide using 67230-1-Ig (ABCC4 antibody) at dilution of 1:1000 (under 40x lens).. This data was developed using the same antibody clone with 67230-1-PBS in a different storage buffer formulation.