

## MRP1 Rabbit mAb

Catalog No: #49564



Package Size: #49564-1 50ul #49564-2 100ul

Orders: order@signalwayantibody.com

Support: tech@signalwayantibody.com

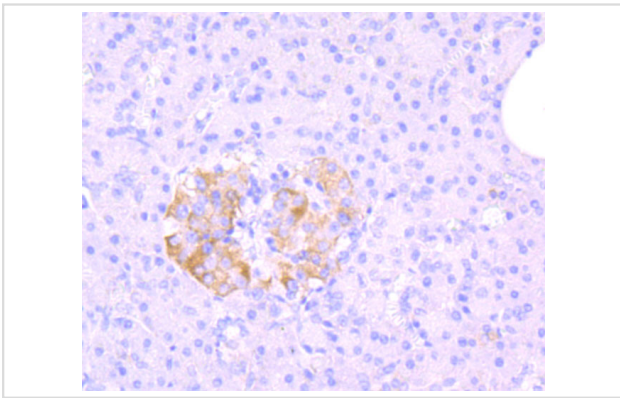
## Description

Product Name	MRP1 Rabbit mAb
Host Species	Recombinant Rabbit
Clonality	Monoclonal antibody
Clone No.	JA93-03
Purification	ProA affinity purified
Applications	WB, IHC, FC
Species Reactivity	Hu
Immunogen Description	recombinant protein
Other Names	ABC 29 antibody ABC29 antibody ABCC 1 antibody ABCC antibody Abcc1 antibody ATP binding cassette sub family C (CFTR/MRP) member 1 antibody ATP binding cassette sub-family C member 1 antibody ATP binding cassette subfamily C member 1 antibody ATP binding cassette transporter variant ABCC1delta ex13 antibody ATP binding cassette transporter variant ABCC1delta ex13&14 antibody ATP binding cassette transporter variant ABCC1delta ex25 antibody ATP binding cassette transporter variant ABCC1delta ex25&26 antibody ATP binding cassette, sub-family C (CFTR/MRP), member 1 antibody ATP-binding cassette sub-family C member 1 antibody DKFZp686N04233 antibody DKFZp781G125 antibody GS X antibody GSX antibody Leukotriene C(4) transporter antibody LTC4 transporter antibody MRP 1 antibody MRP antibody MRP1 antibody MRP1_HUMAN antibody Multidrug resistance associated protein 1 antibody Multidrug resistance protein antibody Multidrug resistance-associated protein 1 antibody Multiple drug resistance associated protein antibody Multiple drug resistance protein 1 antibody
Accession No.	Swiss-Prot#:P33527
Uniprot	P33527
GeneID	4363;
Calculated MW	171 kDa
Formulation	1*TBS (pH7.4), 1%BSA, 40%Glycerol. Preservative: 0.05% Sodium Azide.
Storage	Store at -20°C

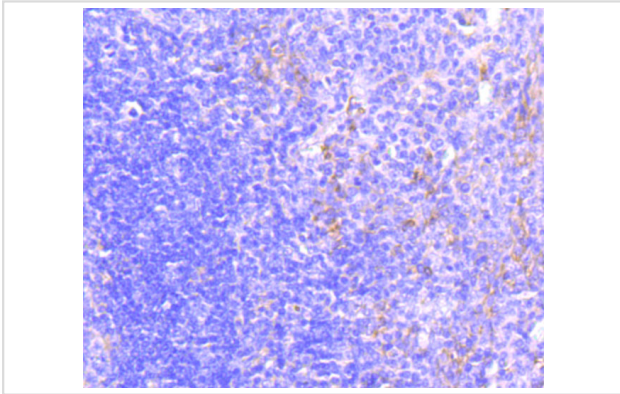
## Application Details

WB: 1:500 IHC: 1:50-1:200

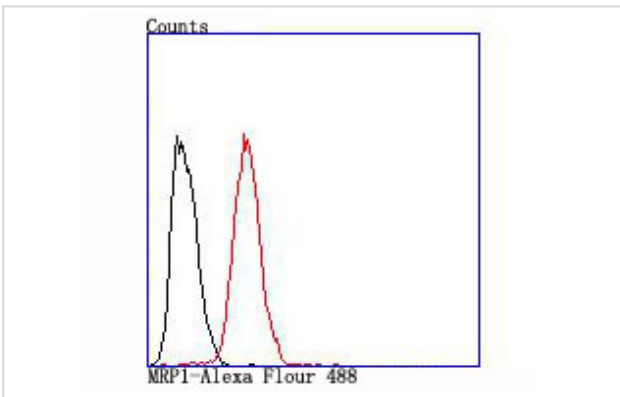
## Images



Immunohistochemical analysis of paraffin-embedded human pancreas tissue using anti-MRP1 antibody. Counter stained with



Immunohistochemical analysis of paraffin-embedded human tonsil tissue using anti-MRP1 antibody. Counter stained with hematoxylin.



Flow cytometric analysis of HeLa cells with MRP1 antibody at 1/100 dilution (red) compared with an unlabelled control (cells without incubation with primary antibody; black).

## Background

The two members of the large family of ABC transporters known to confer multidrug resistance in human cancer cells are the Mdr-1 P-glycoprotein and the multidrug-resistance protein MRP1. MRP1 is an integral membrane protein that contains an Mdr-like core, an N-terminal membrane-bound region and a cytoplasmic linker, and it is expressed in various cerebral cells, as well as in lung, testis and peripheral blood. The MRP gene family also includes MRP2, which is alternatively designated cMOAT (for canalicular multispecific organic anion transporter) and MRP3, which are both conjugate export pumps expressed predominantly in hepatocytes. MRP2 localizes exclusively to the apical membrane and is constitutively expressed at a high level in normal liver cells. Conversely, MRP3 localizes to the basolateral membrane where it also mediates the transport of the organic anion S-(2,4-dinitrophenyl-) glutathione toward the basolateral side of the membrane. MRP3 is normally expressed at comparatively lower levels than MRP2 and increases only when secretion across the apical membrane by MRP2 is impaired. MRP6 protein is highly expressed in liver and kidney, whereas MRP4 and MRP5 are detected in various tissues yet at much lower levels of expression.

## References

Note: This product is for in vitro research use only