

MRP2 Rabbit mAb

Catalog No: #49557

Package Size: #49557-1 50ul #49557-2 100ul

Orders: order@signalwayantibody.com

Support: tech@signalwayantibody.com

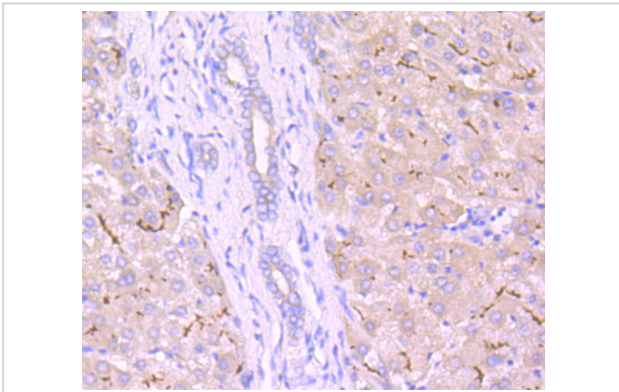
Description

Product Name	MRP2 Rabbit mAb
Host Species	Recombinant Rabbit
Clonality	Monoclonal antibody
Clone No.	JA32-01
Purification	ProA affinity purified
Applications	WB, ICC, IHC, FC
Species Reactivity	Hu
Immunogen Description	recombinant protein
Other Names	ABC30 antibody abcC2 antibody ATP binding cassette sub family C (CFTR/MRP) member 2 antibody ATP binding cassette subfamily C member 2 antibody ATP-binding cassette sub-family C member 2 antibody Canalicular multidrug resistance protein antibody Canalicular multispecific organic anion transporter 1 antibody CMOAT antibody CMOAT1 antibody cMRP antibody DJS antibody KIAA1010 antibody MRP 2 antibody MRP2_HUMAN antibody Multidrug resistance associated protein 2 antibody Multidrug resistance-associated protein 2 antibody
Accession No.	Swiss-Prot#:Q92887
Uniprot	Q92887
GeneID	1244;
Calculated MW	174 kDa
Formulation	1*TBS (pH7.4), 1%BSA, 40%Glycerol. Preservative: 0.05% Sodium Azide.
Storage	Store at -20°C

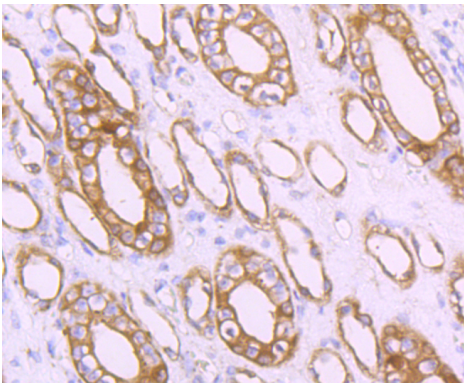
Application Details

WB: 1:500-1:1,000 IHC: 1:50-1:200 ICC: 1:50-1:200FC: 1:50-1:100

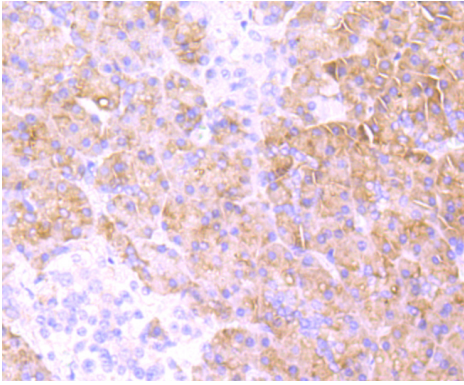
Images



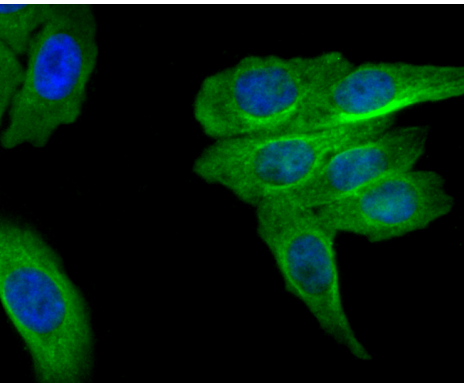
Immunohistochemical analysis of paraffin-embedded human liver tissue using anti-MRP2 antibody. Counter stained with hematoxylin.



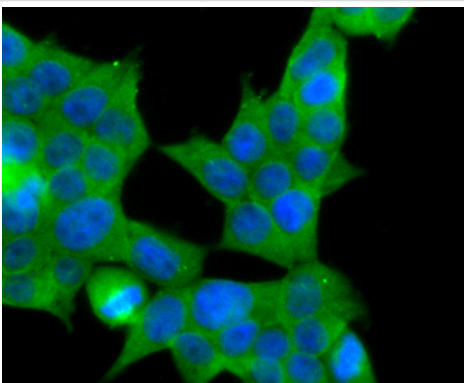
Immunohistochemical analysis of paraffin-embedded human kidney tissue using anti-MRP2 antibody. Counter stained with hematoxylin.



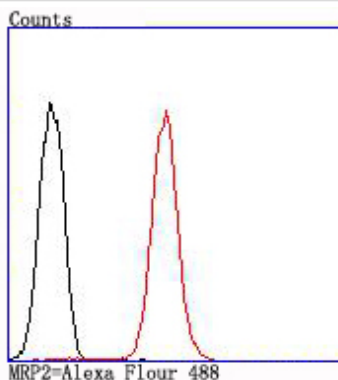
Immunohistochemical analysis of paraffin-embedded human pancreas tissue using anti-MRP2 antibody. Counter stained with hematoxylin.



ICC staining MRP2 in HepG2 cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.



ICC staining MRP2 in 293T cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.



Flow cytometric analysis of A549 cells with MRP2 antibody at 1/100 dilution (red) compared with an unlabelled control (cells without incubation with primary antibody; black).

Background

Multi-drug resistance protein 2 (MRP2), also known as ABCC2, is an ATP binding cassette (ABC) transporter responsible for biliary excretion of xenobiotics, endobiotics, and their metabolites. Deficiency in ABCC2 results in the clinical disorder Dubin-Johnson syndrome. MRP2 is found to be expressed in a variety of human cancers, and is associated with resistance of tumor cells to various anticancer drugs including cisplatin. The predicted molecular weight of MRP2 is 174 kDa, while mature MRP2 usually has a slower migration around 190-250 kDa due to the glycosylation.

References

Note: This product is for in vitro research use only