

Rabbit anti-Human MRP2 Monoclonal Antibody | anti-MRP2 antibody

MRP2 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA30349	Rabbit	Human	Western Blot, Immunocytochemistry, Immunohistochemistry, Flow Cytometry, Functional Assay

PRODUCT SYNONYMS

MRP2; Monoclonal Antibody; MRP2 Antibody; 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; anti-MRP2 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Monoclonal
Clone Number	JA32-01
Purity/Purification	ProA affinity purified
Form/Format	1*TBS (pH7.4), 1% BSA, 40% Glycerol. Preservative: 0.05% Sodium Azide.
Applicable Applications for anti-MRP2 antibody	WB (Western Blot), ICC (Immunocytochemistry), IHC (Immunohistochemistry), FCM/FACS (Flow Cytometry)
Application Notes	WB: 1:500-1:1000 IHC: 1:50-1:200 ICC: 1:50-1:200 FC/FACS: 1:50-1:100
Antibody Type	Recombinant Antibody
Immunogen	Recombinant protein
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C.

IMAGES



FCM (Flow Cytometry)

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).



ICC (Immunocytochemistry)

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.

**ICC (Immunocytochemistry)**

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.

**IHC (Immunohistochemistry)**

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

**IHC (Immunohistochemistry)**

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

**IHC (Immunohistochemistry)**

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

ADDITIONAL INFORMATION

Related Product Information for anti-MRP2 antibody	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.
Product Categories/Family for anti-MRP2 antibody	Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	4557481
NCBI GeneID	1244
NCBI Accession #	NP_000383.1
NCBI GenBank Nucleotide #	NM_000392.3
UniProt Accession #	Q92887 ; Q14022 ; Q5T2B1 ; Q92500 ; Q92798 ; Q99663 ; Q9UMS2 ; B2RMT8
Molecular Weight	174,207 Da
NCBI Official Full Name	canalicular multispecific organic anion transporter 1
NCBI Official Synonym Full Names	ATP-binding cassette, sub-family C (CFTR/MRP), member 2
NCBI Official Symbol	ABCC2
NCBI Official Synonym Symbols	DJS; MRP2; cMRP; ABC30; CMOAT
NCBI Protein Information	canalicular multispecific organic anion transporter 1; canalicular multidrug resistance protein; multidrug resistance-associated protein 2; ATP-binding cassette sub-family C member 2
UniProt Protein Name	Canalicular multispecific organic anion transporter 1
UniProt Gene Name	ABCC2
UniProt Synonym Gene Names	CMOAT; CMOAT1; CMRP; MRP2
UniProt Entry Name	MRP2_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.