

Rabbit anti-Human MRP1 Monoclonal Antibody | anti-MRP1 antibody

MRP1 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA312504	Rabbit	Human	Flow Cytometry, Functional Assay, Immunohistochemistry, Western Blot

PRODUCT SYNONYMS

MRP1; Monoclonal Antibody; MRP1 Antibody; 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 ex1314 antibody; ATP binding cassette transporter variant ABCC1delta ex25 antibody; ATP binding cassette transporter variant ABCC1delta ex2526 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; anti-MRP1 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Monoclonal
Clone Number	JA93-03
Purity/Purification	ProA affinity purified
Form/Format	1*TBS (pH7.4), 1% BSA, 40% Glycerol. Preservative: 0.05% Sodium Azide.
Applicable Applications for anti-MRP1 antibody	FCM/FACS (Flow Cytometry), IHC (Immunohistochemistry), WB (Western Blot)
Antibody Type	Recombinant Antibody
Immunogen	Recombinant protein
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C.

IMAGES



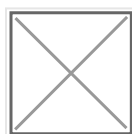
FCM/FACS (Flow Cytometry)

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).



IHC (Immunohistochemistry)

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



IHC (Immunohistochemistry)

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

ADDITIONAL INFORMATION

Related Product Information for anti-MRP1 antibody	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.
Product Categories/Family for anti-MRP1 antibody	Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	296439301
NCBI GeneID	4363
UniProt Accession #	P33527; O14819; O43333; P78419; Q59GI9; Q9UQ97; Q9UQ99; Q9UQA0; A3RJX2; C9JPJ4
Molecular Weight	171kDa
NCBI Official Full Name	Multidrug resistance-associated protein 1
NCBI Official Synonym Full Names	ATP-binding cassette, sub-family C (CFTR/MRP), member 1
NCBI Official Symbol	ABCC1
NCBI Official Synonym Symbols	MRP; ABCC; GS-X; MRP1; ABC29
NCBI Protein Information	multidrug resistance-associated protein 1; LTC4 transporter; leukotriene C(4) transporter; ATP-binding cassette transporter variant ABCC1delta-ex13; ATP-binding cassette transporter variant ABCC1delta-ex25; ATP-binding cassette transporter variant ABCC1de
UniProt Protein Name	Multidrug resistance-associated protein 1
UniProt Gene Name	ABCC1
UniProt Synonym Gene Names	MRP; MRP1; LTC4 transporter
UniProt Entry Name	MRP1_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.