

Mouse MRP1/ABCC1 (Multidrug Resistance Related Protein 1) Monoclonal Antibody | anti-MRP1 antibody

MRP1/ABCC1 (Multidrug Resistance Related Protein 1)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA214452	Mouse	Human. Others not known.	Immunofluorescence, Flow Cytometry, Functional Assay

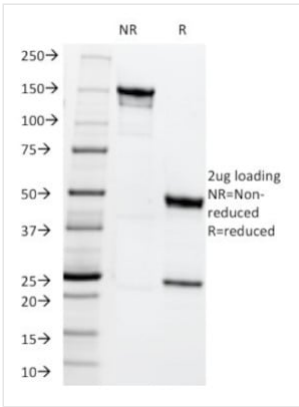
PRODUCT SYNONYMS

MRP1/ABCC1 (Multidrug Resistance Related Protein 1); Monoclonal Antibody; ABC29; ABCC1; ATP binding cassette sub family C (CFTR/MRP) member 1; ATP-binding cassette sub-family C member 1; GSX; Leukotriene C(4) transporter; LTC4 transporter; Multidrug resistance-associated protein 1 (MRP1); anti-MRP1 antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human. Others not known.
Clonality	Monoclonal
Isotype	IgG2a / Kappa
Clone Number	MRP1/1344
Specificity	The two members of the large family of ABC transporters known to confer multidrug resistance in human cancer cells are the MDR1 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.
Form/Format	200ug/ml of Ab purified from Bioreactor Concentrate by Protein A/G. Prepared in 10mM PBS with 0.05% BSA & 0.05% azide. Also available WITHOUT BSA & azide at 1.0mg/ml.
Sequence Length	1531
Applicable Applications for anti-MRP1 antibody	IF (Immunofluorescence), FCM/FACS (Flow Cytometry)
Immunogen	Recombinant full-length human ABCC1 protein
Cellular Localization	Cell membrane
Positive Control	A549 cells. Colon, Endometrium, Ovary. Testis or Tonsil.
Research Areas	Cardiovascular
Preparation and Storage	Antibody with azide - store at 2 to 8 degree C. Antibody without azide - store at -20 to -80 degree C. Antibody is stable for 24 months. Non-hazardous. No MSDS required.

IMAGES



SDS-PAGE
SDS-PAGE Analysis of Purified MRP1 Mouse Monoclonal Antibody (MRP1/1344).
Confirmation of Integrity and Purity of Antibody.

ADDITIONAL INFORMATION

References	Faneyte IF, Kristel PM, van de Vijver MJ. Multidrug resistance associated genes MRP1, MRP2 and MRP3 in primary and anthracycline exposed breast cancer. Anticancer Res. 2004; 24(5A):2931-9.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	134142337
NCBI GeneID	4363
NCBI Accession #	NP_004987.2
NCBI GenBank Nucleotide #	NM_004996.3
UniProt Accession #	P33527; O14819; O43333; P78419; Q59GI9; Q9UQ97; Q9UQ99; Q9UQA0; A3RJX2; C9JPJ4
Molecular Weight	190kDa
NCBI Official Full Name	multidrug resistance-associated protein 1
NCBI Official Synonym Full Names	ATP binding cassette subfamily C member 1
NCBI Official Symbol	ABCC1
NCBI Official Synonym Symbols	MRP; ABCC; GS-X; MRP1; ABC29
NCBI Protein Information	multidrug resistance-associated protein 1
UniProt Protein Name	Multidrug resistance-associated protein 1
UniProt Gene Name	ABCC1
UniProt Synonym Gene Names	MRP; MRP1; LTC4 transporter

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.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/mrp1-abcc1-multidrug-resistance-related-protein-1-antibody-clone-mrp1-1344-immunofluorescence-flow-cytometry-elisa/214452>