

Mouse Anti-Human MRP1 Monoclonal Antibody

Cat. No. CAB-905MH **Lot. No.** (See product label)

SPECIFICATION

Product Overview

Species	Human
Source	Mouse
Specificity	Human multidrug resistance-associated protein 1
Clonality	Monoclonal
Positive Control	Breast tumors
Staining Pattern	Cytoplasmic, Cell membrane
Specificity Note	The MRP molecule, an integral membrane glycoprophosphoprotein belonging to the same superfamily of ATP-binding cassette transmembrane transporter proteins as P-glycoprotein, is overexpressed in many P-glycoprotein-negative, multidrug resistant cell lines and tumours. It is believed that the main function of MRP in drug resistance is that of a plasma membrane drug efflux pump.
Applications	Formalin-fixed paraffin-embedded tissue, or IHC frozen sections. No antigen retrieval necessary.
Recommended Usage	IHC test, research use only. Incubate with samples at RT for 60min or at 4°C overnight.

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Storage 2-8°C for 12 months.

GENE INFORMATION

Gene Name MRP1 Multidrug resistance-associated protein-1 [Homo sapiens]

Synonyms MRP1; ATP-binding cassette, sub-family C (CFTR/MRP), member 1; MRP; multidrug resistance associated protein 1; GS-X; Leukotriene C(4) transporter; ATP-binding cassette sub-family C member 1; multidrug resistance-associated protein 1; multiple drug resistance-associated protein; ABC29; ABCC; DKFZp781G125; multiple drug resistance protein 1; DKFZp686N04233; multidrug resistance protein

Gene ID [4363](#)

mRNA Refseq [NM_004996.3](#)

Protein Refseq [NP_004987.2](#)

MIM [158343](#)

UniProt ID P33527

Chromosome Location 16p13.1

Function [ATP binding](#); [ATPase activity](#); [ATPase activity, coupled to transmembrane movement of substances](#); [hydrolase activity](#); [nucleotide binding](#); [transporter activity](#)

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