

Product Name: MRP2 (11R9) Rabbit Monoclonal Antibody
Catalog #: AMRe14101

Summary

Production Name	MRP2 (11R9) Rabbit Monoclonal Antibody
Description	Rabbit Monoclonal Antibody
Host	Rabbit
Application	WB,IHC-P,ICC/IF,FC
Reactivity	Human,Mouse

Performance

Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Monoclonal
Form	Liquid
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles. Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% New type
Buffer	preservative N and 50% glycerol. Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.
Purification	Affinity purification

Immunogen

Gene Name	ABCC2
Alternative Names	ABC30; abcC2; CMOAT1; cMRP;
Gene ID	1244.0
SwissProt ID	Q92887.

Application

Dilution Ratio	WB 1:1000-1:5000, IHC-P/IF-P 1:1000-1:10000, ICC/IF 1:100, FCM 1:50-1:100
Molecular Weight	174kDa

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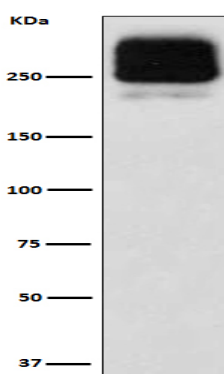


Background

Mediates hepatobiliary excretion of numerous organic anions. May function as a cellular cisplatin transporter. ATP-dependent transporter of the ATP-binding cassette (ABC) family that binds and hydrolyzes ATP to enable active transport of various substrates including many drugs, toxicants and endogenous compound across cell membranes. Transports a wide variety of conjugated organic anions such as sulfate-, glucuronide- and glutathione (GSH)- conjugates of endo- and xenobiotics substrates (PubMed: [10220572](http://www.uniprot.org/citations/10220572)), PubMed: [10421658](http://www.uniprot.org/citations/10421658), PubMed: [11500505](http://www.uniprot.org/citations/11500505), PubMed: [16332456](http://www.uniprot.org/citations/16332456)). Mediates hepatobiliary excretion of mono- and bis-glucuronidated bilirubin molecules and therefore play an important role in bilirubin detoxification (PubMed: [10421658](http://www.uniprot.org/citations/10421658)). Mediates also hepatobiliary excretion of others glucuronide conjugates such as 17beta-estradiol 17- glucosiduronic acid and leukotriene C4 (PubMed: [11500505](http://www.uniprot.org/citations/11500505)). Transports sulfated bile salt such as tauro lithocholate sulfate (PubMed: [16332456](http://www.uniprot.org/citations/16332456)). Transport various anticancer drugs, such as anthracycline, vinca alkaloid and methotrexate and HIV-drugs such as protease inhibitors (PubMed: [10220572](http://www.uniprot.org/citations/10220572), PubMed: [11500505](http://www.uniprot.org/citations/11500505), PubMed: [12441801](http://www.uniprot.org/citations/12441801), PubMed: [10220572](http://www.uniprot.org/citations/10220572), PubMed: [11500505](http://www.uniprot.org/citations/11500505)).

Research Area

Image Data





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Western blot analysis of MRP2 expression in HepG2 cell lysate.

Note

For research use only.