

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
Reactivity	Human

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.
Buffer	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% New type 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

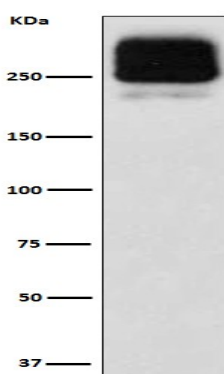
Dilution Ratio	WB 1:500-1:2000
Molecular Weight	174kDa

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 tauroolithocholate 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.