

产品名称: MRP2 (11R9) Rabbit Monoclonal Antibody
产品货号: AMRe14101



产品概述 (Summary)

产品名称 (Production Name)	MRP2 (11R9) Rabbit Monoclonal Antibody
描述 (Description)	Recombinant rabbit monoclonal antibody
宿主 (Host)	Rabbit
应用 (Application)	WB,IHC,ICC/IF,FC
种属反应性 (Reactivity)	Human,Mouse

产品性能 (Performance)

偶联物 (Conjugation)	Unconjugated
修饰 (Modification)	Unmodified
同种型 (Isotype)	IgG
克隆 (Clonality)	Monoclonal
形式 (Form)	Liquid
存放说明 (Storage)	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
储存溶液 (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.
纯化方式 (Purification)	Affinity purification

免疫原信息 (Immunogen)

基因名 (Gene Name)	ABCC2
别名 (Alternative Names)	ABC30; abcC2; CMOAT1; cMRP;
基因 ID (Gene ID)	1244.0
蛋白 ID (SwissProt ID)	Q92887.

产品应用 (Application)

稀释比 (Dilution Ratio)	WB 1:1000-1:5000,IHC 1:1000-1:10000,ICC/IF 1:100-1:200,FC 1:50-1:100
蛋白分子量 (Molecular Weight)	174kDa

研究背景 (Background)

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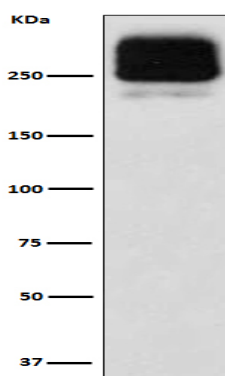


Mediates hepatobiliary excretion of numerous organic anions. May function as a cellular cisplatin transporter. ATP-dependent transporter of the ATP-binding cassette (ABC) family that binds and hydrolyzes ATP to enable active transport of various substrates including many drugs, toxicants and endogenous 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)). Confers resistance to several anti-cancer drugs including cisplatin, doxorubicin, epirubicin, methotrexate, etoposide and vincristine (PubMed: [10220572](http://www.uniprot.org/citations/10220572), PubMed: [11500505](http://www.uniprot.org/citations/11500505)).

研究领域 (Research Area)

ABC transporters;

图片 (Image Data)



Western blot analysis of MRP2 expression in HepG2 cell lysate.

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注意事项 (Note)

For research use only .