

## ARG58445 anti-MRP2 antibody

Package: 100 µl  
Store at: -20°C

### Summary

Product Description	Rabbit Polyclonal antibody recognizes MRP2
Tested Reactivity	Hu
Tested Application	FACS, ICC/IF, WB
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Target Name	MRP2
Species	Human
Immunogen	Synthetic peptide derived from Human MRP2.
Conjugation	Un-conjugated
Alternate Names	DJS; ATP-binding cassette sub-family C member 2; CMOAT; ABC30; cMRP; Canalicular multidrug resistance protein; MRP2; Canalicular multispecific organic anion transporter 1; Multidrug resistance-associated protein 2

### Application Instructions

Application table	Application	Dilution
	FACS	1:100
	ICC/IF	1:50 - 1:200
	WB	1:500 - 1:2000
Application Note	* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	
Positive Control	HepG2	

### Properties

Form	Liquid
Purification	Affinity purified.
Buffer	PBS (pH 7.4), 0.02% Sodium azide and 50% Glycerol.
Preservative	0.02% Sodium azide
Stabilizer	50% Glycerol
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.

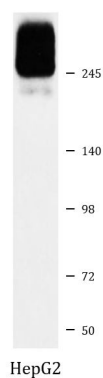
**Note**

For laboratory research only, not for drug, diagnostic or other use.

## Bioinformation

Gene Symbol	ABCC2
Gene Full Name	ATP-binding cassette, sub-family C (CFTR/MRP), member 2
Background	<p>The protein encoded by this gene is a member of the superfamily of ATP-binding cassette (ABC) transporters. ABC proteins transport various molecules across extra- and intra-cellular membranes. ABC genes are divided into seven distinct subfamilies (ABC1, MDR/TAP, MRP, ALD, OABP, GCN20, White). This protein is a member of the MRP subfamily which is involved in multi-drug resistance. This protein is expressed in the canalicular (apical) part of the hepatocyte and functions in biliary transport. Substrates include anticancer drugs such as vinblastine; therefore, this protein appears to contribute to drug resistance in mammalian cells. Several different mutations in this gene have been observed in patients with Dubin-Johnson syndrome (DJS), an autosomal recessive disorder characterized by conjugated hyperbilirubinemia. [provided by RefSeq, Jul 2008]</p>
Function	<p>Mediates hepatobiliary excretion of numerous organic anions. May function as a cellular cisplatin transporter. [UniProt]</p>
Calculated Mw	174 kDa
Cellular Localization	<p>Apical cell membrane &gt; Multi-pass membrane protein. [UniProt]</p>

## Images



ARG58445 anti-MRP2 antibody WB image

Western blot: HepG2 cell lysate stained with ARG58445 anti-MRP2 antibody.