

Datasheet for ABIN6942023 **anti-ABCC1 antibody**

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Overview

Quantity:	100 µL
Target:	ABCC1
Reactivity:	Human
Host:	Rabbit
Clonality:	Monoclonal
Conjugate:	This ABCC1 antibody is un-conjugated
Application:	Western Blotting (WB), Flow Cytometry (FACS), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunofluorescence (Paraffin-embedded Sections) (IF (p))

Product Details

Immunogen:	C terminal Human MRP1
Clone:	5A3
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	Purified by Protein A.

Target Details

Target:	ABCC1
Alternative Name:	ABCC1 (ABCC1 Products)
Background:	Synonyms: Multidrug resistance-associated protein 1, ATP-binding cassette sub-family C

Target Details

member 1, Leukotriene C(4) transporter, LTC4 transporter, ABCC1, MRP, MRP1

Background: The two members of the large family of ABC transporters known to confer multidrug resistance in human cancer cells are the Mdr-1 P-glycoprotein and the multidrug-resistance protein MRP1. MRP1 is an integral membrane protein that contains an Mdr-like core, an N-terminal membrane-bound region and a cytoplasmic linker, and it is expressed in various cerebral cells, as well as in lung, testis and peripheral blood. The MRP gene family also includes MRP2, which is alternatively designated cMOAT (for canalicular multispecific organic anion transporter) and MRP3, which are both conjugate export pumps expressed predominantly in hepatocytes. MRP2 localizes exclusively to the apical membrane and is constitutively expressed at a high level in normal liver cells. Conversely, MRP3 localizes to the basolateral membrane where it also mediates the transport of the organic anion S-(2,4-dinitrophenyl-) glutathione toward the basolateral side of the membrane. MRP3 is normally expressed at comparatively lower levels than MRP2 and increases only when secretion across the apical membrane by MRP2 is impaired. MRP6 protein is highly expressed in liver and kidney, whereas MRP4 and MRP5 are detected in various tissues yet at much lower levels of expression.

Gene ID: 4363

UniProt: [P33527](#)

Pathways: [SARS-CoV-2 Protein Interactome](#)

Application Details

Application Notes: WB 1:300-5000
FCM 1:20-100
IHC-P 1:200-400
IF(IHC-P) 1:50-200

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 1 µg/µL

Buffer: Aqueous buffered solution containing 1xTBS (pH 7.4), 1 % BSA, 40 %Glycerol and 0.05 % Sodium Azide.

Preservative: ProClin

Handling

Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Store at -20°C for 12 months.
Expiry Date:	12 months