



[Go to Product page](#)

Datasheet for ABIN5007023

## anti-ABCC5 antibody (AA 61-180) (Alexa Fluor 680)

### Overview

Quantity:	100 µL
Target:	ABCC5
Binding Specificity:	AA 61-180
Reactivity:	Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ABCC5 antibody is conjugated to Alexa Fluor 680
Application:	Western Blotting (WB), Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p))

### Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human MRP5
Isotype:	IgG
Cross-Reactivity:	Rat
Predicted Reactivity:	Human, Mouse
Purification:	Purified by Protein A.

### Target Details

Target:	ABCC5
Alternative Name:	MRP5/ABCC5 ( <a href="#">ABCC5 Products</a> )

## Target Details

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**Background:** Synonyms: Multidrug Resistanec-Associated Protein 5, ABC 33, ABC33, ABCC 5, ABCC5, ATP binding cassette sub family C CFTR/MRP member 5, ATP binding cassette sub family C member 5, Canalicular multispecic organic anion transporter C, DKFZp686C1782, EST277145, MOAT C, MOATC, MRP 5, Multi specic organic anion tranporter C, pABC 11, pABC11, SMRP, MRP5\_HUMAN.

Background: MRP5 (190-200 kDa) is closely related to MRP4, both lacking the first five membrane spanning regions. MRP5 is a GS-X multi specific organic anion pump (nucleotide analogs). MRP5 may transport DNP-GS and may be inhibited by certain inhibitors of organic anion transport (sulfinpyrazone). MRP5 may also transport organic anions with the anionic moiety of phosphate/phosphonate group, a function which provides the ability to resist against anti cancer drugs 6-MP and thioguanine as well as the anti-HIV drug PMEA.

**Gene ID:** 10057

**Pathways:** [Glycosaminoglycan Metabolic Process](#)

## Application Details

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**Application Notes:** IF(IHC-P) 1:50-200  
IF(IHC-F) 1:50-200  
IF(ICC) 1:50-200

**Restrictions:** For Research Use only

## Handling

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**Format:** Liquid

**Concentration:** 1 µg/µL

**Buffer:** Aqueous buffered solution containing 0.01M TBS ( pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.

**Preservative:** ProClin

**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. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.

**Expiry Date:** 12 months