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Datasheet for ABIN686531
anti-ABCC5 antibody (AA 61-180) (Cy5)

Overview

Quantity:	100 µL
Target:	ABCC5
Binding Specificity:	AA 61-180
Reactivity:	Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ABCC5 antibody is conjugated to Cy5
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 (ABCC5 Products)

Target Details

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

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

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