

## ABCC5

**Reactivity:**Human Mouse Rat

**Tested applications:**WB IHC

**Recommended Dilution:**WB 1:1000 - 1:2000 IHC 1:50 - 1:100

**Calculated MW:**161kDa

**Observed MW:**Refer to Figures

**Immunogen:**

Recombinant protein of human ABCC5

**Storage Buffer:**

Store at -20. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

**Synonym:**

MRP5; SMRP; ABC33; MOATC; MOAT-C; pABC11; EST277145

**Background:**

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 functions in the cellular export of its substrate, cyclic nucleotides. This export contributes to the degradation of phosphodiesterases and possibly an elimination pathway for cyclic nucleotides. Studies show that this protein provides resistance to thiopurine anticancer drugs, 6-mercaptopurine and thioguanine, and the anti-HIV drug 9-(2-phosphonylmethoxyethyl)adenine.

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**Catalog #:**A3028

**Antibody Type:**

Polyclonal Antibody

**Species:**Rabbit

**Gene ID:**10057

**Isotype:**IgG

**Swiss Prot:**O15440

**Purity:**Affinity purification

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