

Goat anti-ABCC1 Antibody

Item Number	dAP-1553
Target Molecule	Principle Name: ABCC1; Official Symbol: ABCC1; All Names and Symbols: ABCC1; ATP-binding cassette, sub-family C (CFTR/MRP), member 1; ABC29; ABCC; DKFZp686N04233; DKFZp781G125; GS-X; MRP; MRP1; ATP-binding cassette, sub-family C, member 1; LTC4 transporter; leukotriene C(4) transporter; multidrug resistance protein; multipl; Accession Number (s): NP_004987.2; NP_063915.2; NP_063953.2; NP_063954.2; NP_063955.2; Human Gene ID(s): 4363; Non-Human GeneID(s): 17250 (mouse) 24565
Immunogen	HQSDLKV DENQKAYY, is from internal region This antibody is expected to recognize all reported isoforms (NP_004987.2; NP_063915.2; NP_063953.2; NP_063954.2; NP_063955.2).
Applications	Pep ELISA, WB Species Tested: Human
Purification	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Supplied As	Lyophilized powder of 50ug or 100ug IgG; Reconstitute IgG with 100ul or 200ul sterile DI Water and final product will be formulated as 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin. Aliquot and store at -20°C. Minimize freezing and thawing.
Peptide ELISA	Peptide ELISA: antibody detection limit dilution 1 to 128000.
Western Blot	Western Blot: Approx 150kDa band observed in lysates of cell line A549 (calculated MW of 159kDa according to NP_063954.2). Recommended concentration: 0.05-0.2µg/ml.
IHC	
Reference	Reference(s): Bobrowska-Hägerstrand M, Wróbel A, Rychlik B, Ohman I, Hägerstrand H. Flow cytometric monitoring of multidrug drug resistance protein 1 (MRP1/ABCC1) -mediated transport of 2',7'-bis-(3-carboxypropyl)-5-(and-6)- carboxyfluorescein (BCPCF) into human erythrocyte membrane inside-out vesicles. <i>Anal Biochem</i> 2002; 304: 12-17.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the end users! This product is sold for **Research Use Only**