

Goat anti-MRP8 / ABCC11 Antibody

Item Number	dAP-1479
Target Molecule	Principle Name: MRP8 / ABCC11; Official Symbol: ABCC11; All Names and Symbols: ABCC11; ATP-binding cassette transporter MRP8; ATP-binding cassette, sub-family C (CFTR/MRP), member 11; EWWD; MRP8; WW; ATP-binding cassette protein C11; ATP-binding cassette, sub-family C, member 11; multi-resistance protein 8; Accession Number (s): NP_115972.2; NP_660187.1; Human Gene ID(s): 85320; Non-Human GeneID(s):
Immunogen	KVVEFDRPEVLRK, is from internal region (near C Terminus) This antibody is expected to recognize both reported isoforms (NP_115972.2; NP_660187.1). Reported variants represent identical protein (NP_115972.2; NP_149163.2).
Applications	Pep ELISA, WB, IHC 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 32000.
Western Blot	Western Blot: Approx. 125kDa band observed in Human Breast and Human Testis lysates (calculated MW of 150kDa according to NP_660187.1). Recommended concentration: 0.5-1.5µg/ml. Primary incubation was 1 hour.
IHC	Immunohistochemistry: Paraffin embedded Human Breast. Recommended concentration: 3.75µg/ml.
Reference	Reference(s): Bortfeld M, Rius M, König J, Herold-Mende C, Nies AT, Keppler D. Human multidrug resistance protein 8 (MRP8/ABCC11), an apical efflux pump for steroid sulfates, is an axonal protein of the CNS and peripheral nervous system. Neuroscience. 2006;137(4):1247-57.PMID: 16359813->

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 ender users! This product is sold for **Research Use Only**