

UK Office

Everest Biotech Ltd

Cherwell Innovation Centre 77 Heyford Park Upper Heyford Oxfordshire OX25 5HD

UK

Enquiries:

info@everestbiotech.com

Sales:

sales@everestbiotech.com

Tech support:

support@everestbiotech.com

Tel: +44 (0)1869 238326

www.everestbiotech.com

Research Use Only. Not for diagnostic or therapeutic use.

EB08734 - Goat Anti-ABCC1 Antibody

Size: 100µg specific antibody in 200µl



Target Protein

Principal Names: 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, multiple drug resistance protein 1, multiple drug resistance-associated protein

Official Symbol: ABCC1

Accession Number(s): NP_004987.2; NP_063915.2; NP_063953.2; NP_063954.2;

NP_063955.2

Human GeneID(s): 4363

Non-Human GenelD(s): 17250 (mouse), 24565 (rat)

Important Comments: This antibody is expected to recognize all reported isoforms

 $(NP_004987.2; NP_063915.2; NP_063953.2; NP_063954.2; NP_063955.2).$

Immunogen

Peptide with sequence C-HQSDLKVDENQKAYY, from the internal region of the protein sequence according to NP_004987.2; NP_063915.2; NP_063953.2; NP_063954.2; NP_063955.2.

Please note the peptide is available for sale.

Purification and Storage

Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.

Supplied at 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.

Applications Tested

Peptide ELISA: antibody detection limit dilution 1:128000.

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.

Species Reactivity

Tested: Human

Expected from sequence similarity: Human, Mouse, Rat, Dog, Pig, Cow

250kDa 150kDa 100kDa 75kDa 50kDa 37kDa 25kDa 20kDa

EB08734 ($0.05\mu g/ml$) staining of A549 lysate ($35\mu g$ protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.