

## UK Office

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**Research Use Only. Not for  
diagnostic or therapeutic use.**

## EB10745 - Goat Anti-ABCC4 (aa70-82) Antibody

Size: 100µg specific antibody in 200µl



### Target Protein

**Principal Names:** ABCC4, ATP-binding cassette, sub-family C (CFTR/MRP), member 4, EST170205, MOAT-B, MOATB, MRP4, ATP-binding cassette sub-family C member 4, MRP/cMOAT-related ABC transporter, bA464I2.1 (ATP-binding cassette, sub-family C (CFTR/MRP), member 4)

**Official Symbol:** ABCC4

**Accession Number(s):** NP\_005836.2; NP\_001098985.1

**Human GeneID(s):** [10257](#)

**Important Comments:** This antibody is expected to recognize both reported isoforms (NP\_005836.2; NP\_001098985.1).

### Immunogen

Peptide with sequence RAENDAQKPSLTR-C, from the N Terminus (near) of the protein sequence according to NP\_005836.2; NP\_001098985.1.

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 1:64000.

**Western blot:** Approx 100kDa band observed in Human Lung and Human Prostate lysates (calculated MW of 96.8kDa according to NP\_001098985.1). Recommended concentration: 0.3-1µg/ml.

### Species Reactivity

**Tested:** Human

**Expected from sequence similarity:** Human

### Specific Reference

**This antibody has been successfully used in Western blot on Rat:**

Khamphaya T, Chansela P, Piyachaturawat P, Suksamran A, Nathanson MH, Weerachayaphorn J.

Effects of andrographolide on intrahepatic cholestasis induced by alpha-naphthylisothiocyanate in rat. Eur J Pharmacol. 2016 Oct 15;789:254-64.

PMID: 27475677



EB10745 (0.3 $\mu$ g/ml) staining of Human Prostate lysate (35 $\mu$ g protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.