



## UK Office

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

## EB08701 - Goat Anti-ABCB10 Antibody

Size: 100µg specific antibody in 200µl



### Target Protein

**Principal Names:** ABCB10, ATP-binding cassette, sub-family B (MDR/TAP), member 10, EST20237, M-ABC2, MTABC2, ATP-binding cassette, sub-family B, member 10, ABC-me

**Official Symbol:** ABCB10

**Accession Number(s):** NP\_036221.2

**Human GeneID(s):** [23456](#)

**Non-Human GeneID(s):** 56199 (mouse), 361439 (rat)

### Immunogen

Peptide with sequence C-KPNGIYRKL MNKQ, from the C Terminus of the protein sequence according to NP\_036221.2.

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 1:64000.

**Western blot:** Preliminary experiments gave bands at approx. 90kDa and 50kDa in Human Bone Marrow lysates after 0.05µg/ml antibody staining. Please note that currently we cannot find an explanation in the literature for the bands we observe given the calculated size of 79.1kDa according to NP\_036221.2 and given the expected mature size of ~65kDa according to Graf et al. (PMID: 15215243). Both detected bands were successfully blocked by incubation with the immunizing peptide (and BLAST results with the immunizing peptide sequence did not identify any other proteins to explain the additional bands). We would appreciate any feedback from people in the field - have any results been reported with other antibodies/lysates? Have any further splice variants/modified forms been reported?

### Species Reactivity

**Tested:**

**Expected from sequence similarity:** Human, Mouse, Rat