

## UK Office

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

## EB11122 - Goat Anti-ABCB5 (aa364-378) Antibody

Size: 100µg specific antibody in 200µl



### Target Protein

**Principal Names:** ABCB5 P-gp, ABCB5alpha, ABCB5beta, ATP-binding cassette protein, ATP-binding cassette sub-family B member 5, ATP-binding cassette, sub-family B (MDR/TAP), member 5, EST422562, P-glycoprotein ABCB5, ABCB5

**Official Symbol:** ABCB5

**Accession Number(s):** NP\_001157413.1; NP\_848654.3; NP\_001157414.1; NP\_001157465.1

**Human GeneID(s):** [340273](#)

**Non-Human GeneID(s):** 77706 (mouse), 314537 (rat)

**Important Comments:** This antibody is expected to recognize reported isoform 1 (NP\_001157413.1) or isoform 4 according to UniProtKB (Q2M3G0) only. The immunizing peptide represents part of an extracellular domain.

### Immunogen

Peptide with sequence C-DKKPSIDNFSTAGYK, from the internal region of the protein sequence according to NP\_001157413.1; NP\_848654.3; NP\_001157414.1; NP\_001157465.1.

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 1:128000.

**Western blot:** Preliminary experiments gave an approx 85kDa band observed in lysates of cell lines HeLa and K562 (calculated MW of 139kDa according to NP\_001157413.1).

Please note that the isoform recognized by this antibody is not fully understood. We appreciate any feedback in the field on these results.

### Species Reactivity

**Tested:**

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