

## UK Office

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

## EB05566 - Goat Anti-PAX5 / BSAP Antibody

Size: 100µg specific antibody in 200µl



### Target Protein

**Principal Names:** PAX5, BSAP, paired box gene 5 (B-cell lineage specific activator protein), B-cell lineage specific activator protein, paired box homeotic gene 5 (B-cell lineage specific activator protein), paired box 5, B cell specific activator protein, B-cell lineage specific activator, paired box homeotic gene 5, transcription factor PAX 5

**Official Symbol:** PAX5

**Accession Number(s):** NP\_057953.1

**Human GeneID(s):** [5079](#)

**Non-Human GeneID(s):** 18507 (mouse)

### Immunogen

Peptide with sequence DLEKNYPTPRTSR-C, from the N Terminus of the protein sequence according to NP\_057953.1.

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 38kDa band observed in Human Lymph and Rat Spleen lysates, and approx.40kDa in Mouse Spleen lysates (calculated MW of 42.1kDa according to Human NP\_057953.1 and 42.2kDa according to Mouse NP\_032808.1 and Rat NP\_001102731.1). Recommended concentration: 0.1-0.5µg/ml.

### Species Reactivity

**Tested:** Human, Mouse, Rat

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

EB05566 (0.3µg/ml) staining of Human Lymph lysate (35µg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

EB05566 (1µg/ml) staining of Mouse (A) and (0.3ug/ml) Rat (B) Spleen lysate (35µg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.