

### **International 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 GenelD(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.

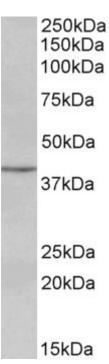
Western blot: Approx 38kDa band observed in Human Lymph and Rat Spleen lysates, and approx.40kDa in Mouse Spleen lysates (calculated MW of 42.1kDa according to Human NP\_057953.1 and 42.2kDa according to Mouse NP\_032808.1 and Rat NP\_001102731.1). Recommended concentration: 0.1-0.5μg/ml.

**Immunofluorescence:** Strong expression of the protein seen in the nuclei of Jurkat cells. Recommended concentration: 10µg/ml.

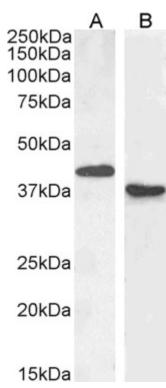
### **Species Reactivity**

Tested: Human, Mouse, Rat

Expected from sequence similarity: Human, Mouse

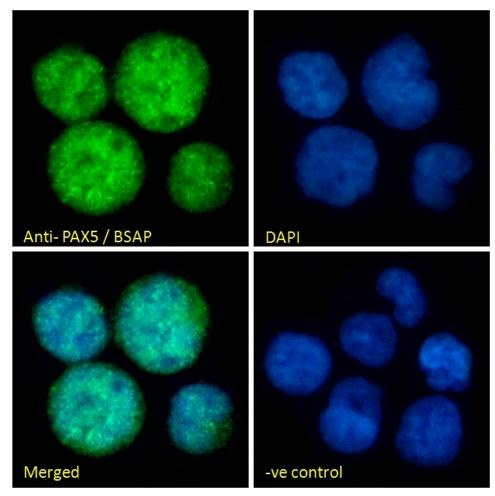


EB05566 (0.3μg/ml) staining of Human Lymph lysate (35μg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.



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 chemiluminescen



EB05566 Immunofluorescence analysis of paraformaldehyde fixed Jurkat cells, permeabilized with 0.15% Triton. Primary incubation 1hr (10ug/ml) followed by Alexa Fluor 488 secondary antibody (2ug/ml), showing nuclear staining. The nuclear stain is DAPI (blue). Negative control: Unimmunized goat IgG (10ug/ml) followed by Alexa Fluor 488 secondary antibody (2ug/ml).