



## UK Office

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

## EB06823 - Goat Anti-Spleen tyrosine kinase / SYK Antibody

Size: 100µg specific antibody in 200µl



### Target Protein

**Principal Names:** SYK, spleen tyrosine kinase, HGNC:11491, DKFZp313N1010, FLJ25043, FLJ37489, OTTHUMP00000021628, OTTHUMP00000021629

**Official Symbol:** SYK

**Accession Number(s):** NP\_003168.2; NP\_001128524.1

**Human GeneID(s):** [6850](#)

**Non-Human GeneID(s):** 20963 (mouse), 25155 (rat)

**Important Comments:** This antibody is expected to recognise both reported isoforms (NP\_003168.2; NP\_001128524.1). Reported pairs of variants represent identical proteins (NP\_003168.2 and NP\_001167638.1; NP\_001128524.1 and NP\_001167639.1).

### Immunogen

Peptide with sequence C-KYLQQRHVKDKN, from the internal region of the protein sequence according to NP\_003168.2; NP\_001128524.1.

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 1:16000.

**Western blot:** Approx 70kDa band observed in Human Bone marrow, Lymph Node, and Spleen lysates (calculated MW of 72.1kDa according to NP\_003168.2). Recommended concentration: 1-3µg/ml.

### Species Reactivity

**Tested:** Human

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



EB06823 (1 $\mu$ g/ml) staining of Human Spleen lysate (35 $\mu$ g protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.