![Everest logo](everest — an Absolute Biotech Company)

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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-KYLQQNRHVKDKN, 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

250kDa
150kDa
100kDa
75kDa
50kDa
37kDa
25kDa
20kDa
15kDa
10kDa

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