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

EB06823-T - Goat Anti-Spleen tyrosine kinase / SYK Antibody - Trial

Size: 20µg specific antibody in 40µl



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



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