

**Anti-Human/Mouse/Rat/Monkey Phospho-SYK (Tyr525) Polyclonal Antibody**

**Polyclonal Antibody**

**Cat.NO.: PA01773**

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3th Edition

**Description:** SYK (spleen tyrosine kinase) is a key regulator of signal transduction events, apoptosis and orderly cell cycle progression in B-lineage lymphoid cells. Although SYK has not been linked to a human disease, defective expression of the closely related T-cell tyrosine kinase ZAP-70 has been associated with severe combined immunodeficiency (PMID:11494125). This protein has 2 isoforms produced by alternative splicing.

**Antigen:** Synthesized peptide derived from human Syk around the phosphorylation site of Tyr525

**Form:**

**How to use:** 1.0 ml distilled water will be added to the product

**Stability:** Lyophilized product, 5 years at 2 – 8°C; Solution, 2 years at –20°C

**Dilution:** PBS (pH7.4) containing 1% BSA

**Application:** This antibody can be used for western blotting in concentration of 1 µg/ml.

**Specificity:** Widely expressed in hematopoietic cells (at protein level). Within the B-cells compartment it is for instance expressed for pro-B-cells to plasma cells.