

bs-0685R**[Primary Antibody]****BioSS**
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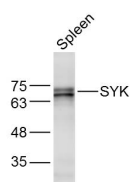
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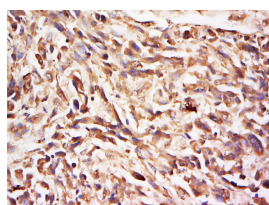
400-901-9800

SYK Rabbit pAb**— DATASHEET —**

Host: Rabbit Clonality: Polyclonal GeneID: 6850 Target: SYK Immunogen: KLH conjugated synthetic peptide derived from human SYK: 501-600/635. Purification: affinity purified by Protein A Concentration: 1mg/ml Storage: 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol. Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles. Background: This gene encodes a member of the family of non-receptor type Tyr protein kinases. This protein is widely expressed in hematopoietic cells and is involved in coupling activated immunoreceptors to downstream signaling events that mediate diverse cellular responses, including proliferation, differentiation, and phagocytosis. It is thought to be a modulator of epithelial cell growth and a potential tumour suppressor in human breast carcinomas. Alternatively spliced transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Mar 2010]	Isotype: IgG SWISS: P43405	Applications: WB (1:500-2000) IHC-P (1:100-500) IHC-F (1:100-500) IF (1:100-500) Reactivity: Human, Mouse (predicted: Rat, Pig, Cow, Dog) Predicted MW.: 72 kDa Subcellular Location: Cell membrane ,Cytoplasm
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— VALIDATION IMAGES —

Sample: Spleen (Mouse) Lysate at 40 ug Primary: Anti-SYK (bs-0685R) at 1/300 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 72 kD Observed band size: 72/69 kD



f Tissue/cell: human lung carcinoma; 4% Paraformaldehyde-fixed and paraffin-embedded; Antigen retrieval: citrate buffer (0.01M, pH 6.0), Boiling bathing for 15min; Block endogenous peroxidase by 3% Hydrogen peroxide for 30min; Blocking buffer (normal goat serum,C-0005) at 37°C for 20 min; Incubation: Anti-SYK Polyclonal Antibody, Unconjugated(bs-0685R) 1:500, overnight at 4°C, followed by conjugation to the secondary antibody(SP-0023) and DAB(C-0010) staining

— SELECTED CITATIONS —

- **[IF=14.6]** Xiao-Rong Huang. et al. Macrophage autophagy protects against acute kidney injury by inhibiting renal inflammation through the degradation of TARM1. AUTOPHAGY. 2024 八月 29 WB ;Mouse. 39193910
- **[IF=5.4]** Xiangyu Liang. et al. Effects and potential mechanisms of Saposhnikovia divaricata (Turcz.) Schischk. On type I allergy and pseudoallergic reactions in vitro and in vivo. J ETHNOPHARMACOL. 2024 Jan;318:116942 WB ;Rat. 37487961
- **[IF=3.509]** Xin Shan. et al. Proteomic analysis of healthy and atretic porcine follicular granulosa cells. J Proteomics. 2021 Feb;232:104027 WB ;Pig. 33130110

Important Note: This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

- **[IF=3.118]** Fu S et al. Berberine suppresses mast cell-mediated allergic responses via regulating FcεRI-mediated and MAPK signaling. *Int Immunopharmacol.* 2019 Jun;71:1-6. WB ;Human. 30861392
- **[IF=3.195]** Gao, Jia Rong. et al. MicroRNA-339-5p inhibits lipopolysaccharide-induced rat mesangial cells by regulating the Syk/Ras/c-Fos pathway. *N-S ARCH PHARMACOL.* 2022 Jun;:1-11 WB,IF ;Rat. 35687145