

bs-3434R**[Primary Antibody]****phospho-Syk (Tyr525 + Tyr526) Rabbit pAb****BioSS**
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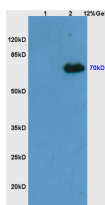
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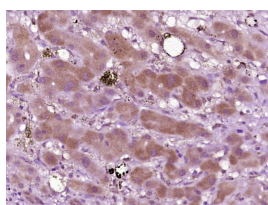
400-901-9800

— DATASHEET —

Host: Rabbit Clonality: Polyclonal GeneID: 6850 Target: Syk (Tyr525 + Tyr526) Immunogen: KLH conjugated Synthesised phosphopeptide derived from human Syk around the phosphorylation site of Tyr525/526: EN(p-Y)(p-Y)KA. 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, Rabbit, Pig, Cow, Chicken, Dog, GuineaPig) Predicted MW.: 72 kDa Subcellular Location: Cell membrane ,Cytoplasm
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— VALIDATION IMAGES —

Sample: Lane1: Embryo (Mouse) Lysate at 30 ug
Lane2: Thymus (Mouse) Cell Lysate at 30 ug
Primary: Anti-phospho-Syk (Tyr525/526) (bs-3434R) at 1/300 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size : 72kD Observed band size : 70kD



Paraformaldehyde-fixed, paraffin embedded (human liver carcinoma); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Antibody incubation with (Syk (Tyr525 + Tyr526)) Polyclonal Antibody, Unconjugated (bs-3434R) at 1:400 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB 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=8.469]** Chen, Xuejiao. et al. Targeting SYK of monocyte-derived macrophages regulates liver fibrosis via crosstalking with Erk/Hif1α and remodeling liver inflammatory environment. Cell Death Dis. 2021 Dec;12(12):1-11 WB,IF ;Mouse. 34853322
- **[IF=6]** Chen Xuejiao. et al. SYK promotes the formation of neutrophil extracellular traps by inducing PKM2 nuclear

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translocation and promoting STAT3 phosphorylation to exacerbate hepatic ischemia-reperfusion injury and tumor recurrence. MOL MED. 2024 Dec;30(1):1-16 IHC,IF ;Mouse. 39261768

- **[IF=4.7]** Ziyi Wang. et al. Macrophages Atp6v0d2 regulates XBP1-mediated cholesterol metabolism to suppress metabolic dysfunction-associated steatohepatitis progression. INT IMMUNOPHARMACOL. 2025 Aug;161:115088 IF ;Mouse. 40526981
- **[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