

## SYK Ab

[Images\(1\)](#)

Cat.#: BF0074	Concn.: ~1mg/ml	Mol.Wt.: 72kDa
Size:	Source: Mouse	Clonality: Monoclonal

**Application:** ELISA 1:10000, WB 1:500-1:2000  
 \*The optimal dilutions should be determined by the end user.

**Reactivity:** Human,Monkey

**Storage:** Mouse IgG1 in phosphate buffered saline (without Mg<sup>2+</sup> and Ca<sup>2+</sup>), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. Store at -20 °C. Stable for 12 months from date of receipt.

**Purification:** Affinity-chromatography.

**Immunogen:** Purified recombinant fragment of human SYK expressed in E. Coli.

**Uniprot:** P43405

**Description:** Syk is a cytoplasmic tyrosine kinase of the SYK family containing two SH2 domains. Plays a central role in the B cell receptor (BCR) response. An upstream activator of the PI3K, PLCgamma2, and Rac/cdc42 pathways in the BCR response. Required for the sequential events of Fc gamma IIa receptor-mediated phagocytosis. Expression highest in murine spleen, heart, mammary gland and thymus. Two splice variant isoforms have been described.

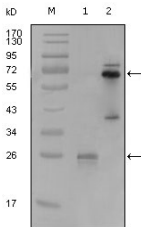


Figure 1: Western blot analysis using SYK mouse mAb against truncated SYK-His recombinant protein (1) and PMA induced THP-1 cell lysates (2).

**IMPORTANT:** For western blot, incubate membrane with diluted primary Ab in 5% w/v milk , 1X TBS, 0.1% Tween@20 at 4°C with gentle shaking, overnight.

For Research Use Only. Not for use in diagnostic and therapeutic procedures. Not for resale without express authorization.