

Product Data Sheet

Purified anti-Syk

Catalog # / Size: 646001 / 25 µg
646002 / 100 µg

Clone: 5F5

Isotype: Mouse IgG1, κ

Immunogen: Mouse Syk peptide aa306-333

Reactivity: Mouse

Preparation: The antibody was purified by affinity chromatography.

Formulation: Phosphate-buffered solution, pH 7.2, containing 0.09% sodium azide.

Concentration: 0.5 mg/ml

Storage: The antibody solution should be stored undiluted at 4°C.

Applications:

Applications: WB - *Quality tested*
IP - *Reported in the literature*

Recommended Usage: Each lot of this antibody is quality control tested by Western blotting. For Western blotting, the suggested use of this reagent is 0.25 - 0.5 µg per ml. It is recommended that the reagent be titrated for optimal performance for each application.

Application References: 1. Chu D, *et al.* 1999. *J. Immunol.* 163:2610.
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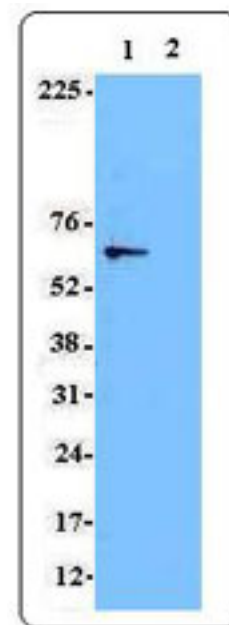
Description: Syk is a cytoplasmic 72 kD non-receptor tyrosine kinase that is widely expressed in hematopoietic cells. The Syk kinase associates with a number of proteins including c-Src, Lck, Lyn, Fyn, Vav1, STAT3, SHP1, Grb2, and LAT to couple immunoreceptors to downstream signaling events mediating cellular proliferation, differentiation, and phagocytosis. Syk is modified by phosphorylation on multiple tyrosine sites.

Antigen References: 1. Taniguchi T, *et al.* 1991. *J. Biol. Chem.* 266:15790.
2. Toyabe SL, *et al.* 2001. *Immunology* 103:164.

Related Products: **Product**
HRP Goat anti-mouse IgG (minimal x-reactivity)

Clone
Poly4053

Application
ELISA, IHC, WB



Mouse spleen (1) and PBMC (2) cell lysates were resolved by electrophoresis, transferred to nitrocellulose and probed with clone 5F5 (mouse-specific). Proteins were visualized using an HRP goat anti-mouse secondary antibody conjugate and a chemiluminescent system.



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