

Product Data Sheet

Purified anti-Syk

Catalog # / Size: 644301 / 25 µg
644302 / 100 µg

Clone: 4D10.2

Isotype: Mouse IgG2a, κ

Immunogen: Human Syk peptide aa314-339

Reactivity: Human

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, ICFC - *Reported in the literature*

Recommended Usage: Each lot of this antibody is quality control tested by Western blotting. Western blotting, suggested working dilution(s): Use 0.5-1 µg per ml antibody dilution buffer. It is recommended that the reagent be titrated for optimal performance for each application.

Application Notes: *This product is for in vitro research use only. It is not to be used for commercial purposes. Use of this product to produce products for sale or for diagnostic therapeutic or drug discovery purposes is prohibited. In order to obtain a license to use this product for commercial purposes, contact The Regents of the University of California.*

Application References: 1. Van Oers, *et al.* 1995. *J. Exp. Med.* 182:1585
2. Chu DH, *et al.* 1999. *J. Immunol.* 163:2610.

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.

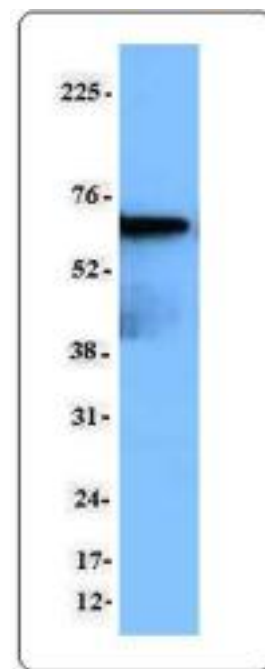
Related Products:

Product
Purified Mouse IgG2a, κ Isotype Ctrl
Cell Staining Buffer
RBC Lysis Buffer (10X)

Clone
MG2a-53

Application

FC, ICC, IF, IHC, IP, WB
FC, ICC, ICFC
FC, ICFC



Jurkat cell extract was resolved by electrophoresis, transferred to nitrocellulose and probed with monoclonal anti-Syk (clone 4D10.2) antibody. Proteins were visualized using a goat anti-mouse secondary conjugated to HRP and a chemiluminescence detection system.



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