

Product datasheet for TA327963

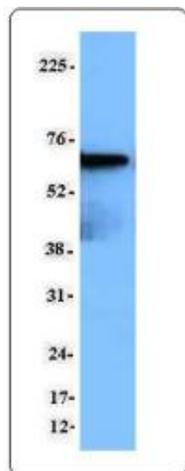
SYK Mouse Monoclonal Antibody [Clone ID: 4D10.2]

Product data:

Product Type:	Primary Antibodies
Clone Name:	4D10.2
Applications:	WB
Recommend Dilution:	WB, IP, ICFC
Reactivity:	Human
Host:	Mouse
Isotype:	IgG2a, kappa
Clonality:	Monoclonal
Immunogen:	Human Syk peptide aa314-339
Formulation:	Phosphate-buffered solution, pH 7.2, containing 0.09% sodium azide.
Concentration:	0.5 mg/ml
Purification:	The antibody was purified by affinity chromatography.
Predicted Protein Size:	72 kD
Gene Name:	spleen tyrosine kinase
Database Link:	NP_003168 Entrez Gene 6850 Human
Background:	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
Synonyms:	p72-Syk
Protein Families:	Druggable Genome, Protein Kinase
Protein Pathways:	B cell receptor signaling pathway, Fc epsilon RI signaling pathway, Fc gamma R-mediated phagocytosis, Natural killer cell mediated cytotoxicity



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Product images:

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.