

Product datasheet for **TA327964**

SYK Mouse Monoclonal Antibody [Clone ID: 5F5]

Product data:

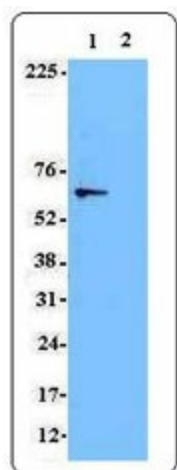
Product Type:	Primary Antibodies
Clone Name:	5F5
Applications:	WB
Recommended Dilution:	WB, IP
Reactivity:	Mouse
Host:	Mouse
Isotype:	IgG1, kappa
Clonality:	Monoclonal
Immunogen:	Mouse Syk peptide aa306-333
Formulation:	Phosphate-buffered solution, pH 7.2, containing 0.09% sodium azide.
Concentration:	lot specific
Purification:	The antibody was purified by affinity chromatography.
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	72 kD
Gene Name:	spleen tyrosine kinase
Database Link:	NP_003168 Entrez Gene 20963 Mouse P43405
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



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Protein Pathways: B cell receptor signaling pathway, Fc epsilon RI signaling pathway, Fc gamma R-mediated phagocytosis, Natural killer cell mediated cytotoxicity

Product images:



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.