

DATASHEET

SYK Mouse Monoclonal Antibody(C2979)

CAT. NO. AMA02591

KEY FEATURES

Target	SYK	Source / Host	Mouse
Reactivity	Human	Clonality	Monoclonal
Applications	WB, FC	Conjugation	Unconjugated
Form / Buffer	Mouse IgG1. Liquid in PBS, pH 7.3, 30% glycerol, and 0.01% sodium azide.	Storage	at-20°C

BACKGROUND

Non-receptor tyrosine kinase which mediates signal transduction downstream of a variety of transmembrane receptors including classical immunoreceptors like the B-cell receptor (BCR). Regulates several biological processes including innate and adaptive immunity, cell adhesion, osteoclast maturation, platelet activation and vascular development . Regulates several biological processes including innate and adaptive immunity, cell adhesion, osteoclast maturation, platelet activation and vascular development . Assembles into signaling complexes with activated receptors at the plasma membrane via interaction between its SH2 domains and the receptor tyrosine-phosphorylated ITAM domains.

APPLICATION

To ensure optimal assay performance, AREX recommends conducting reagent titration tailored to each testing system for optimal detection results.

WB	1:500 - 1:1000
FC	1:100 - 1:200

*Results are sample-specific. Please refer to your local assay conditions and test parameters for reference.

PRODUCT OVERVIEW

Description	Mouse monoclonal to SYK
Specificity	Recognizes endogenous levels of SYK protein
Antibody Type	Primary antibody
Immunogen	Recombinant fusion protein of human SYK expressed in E. Coli
Purification	This antibody is purified through a protein G column.
Molecular Weight	Predicted: 72 kD; Observed: 72 kD kD
Form/Buffer	Mouse IgG1. Liquid in PBS, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Alternative Names	Tyrosine-protein kinase SYK; Spleen tyrosine kinase; p72-Syk
Gene Symbol	SYK
Entrez Gene	6850(Human)
SwissProt	P43405(Human)

*AREX continuously optimizes our products. Webpage content may not reflect the latest updates. For inquiries, please contact info@arexbio.com or your local distributor.

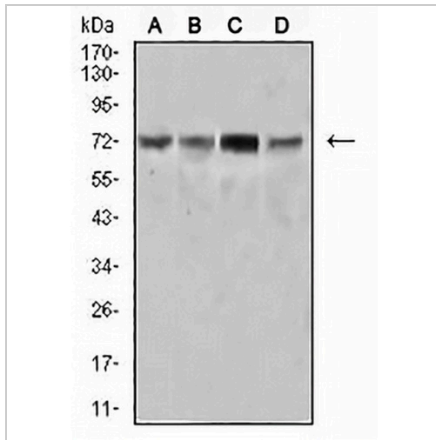
*Clone Number, Reactivity, Source/Host and Clonality can be found in the product name and Key Features section above.

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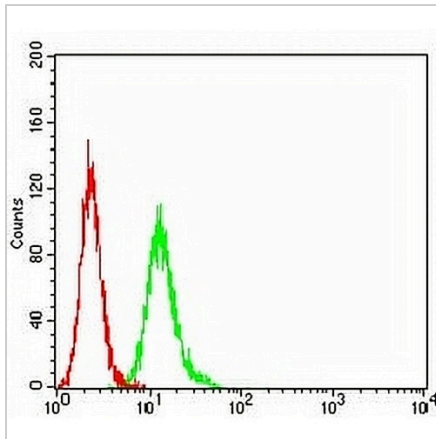
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DATA



Western blot analysis of SYK expression in Ramos (A), HEK293 (B), Raji (C), A431 (D) whole cell lysates. (Predicted band size: 72 kD; Observed band size: 72 kD)



Flow cytometric analysis of HeLa cells using Anti-SYK Antibody (green) and negative control (red).

STORAGE

Store at 4°C short term. For long term storage, store at -20°C, avoiding freeze/thaw cycles.

NOTE

For Research Use Only. Not for diagnostic, therapeutics, prophylactic or in vivo use.