

Product Name: SYK Mouse Monoclonal Antibody**Catalog #: AMM81760**

For research use only.

Summary

Description	Mouse monoclonal Antibody
Host	Mouse
Application	WB,ELISA,FC
Reactivity	Human
Conjugation	Unconjugated
Modification	Unmodified
Isotype	Mouse IgG1
Clonality	Monoclonal
Form	Liquid
Concentration	1mg/ml
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	Purified antibody in PBS with 0.05% sodium azide
Purification	Affinity Purification

Application

Dilution Ratio	WB 1:500-1:2000,ELISA 1:5000-1:20000,FC 1:200-1:400
Molecular Weight	72kDa

Antigen Information

Gene Name	SYK
Alternative Names	p72-Syk
Gene ID	6850.0
SwissProt ID	P43405
Immunogen	Purified recombinant fragment of human SYK (AA: 217-356) expressed in E. Coli.

Background

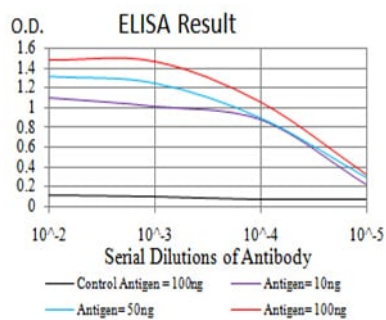
This gene encodes a member of the family of non-receptor type Tyr protein kinases. This protein is widely expressed in hematopoietic cells and is involved in coupling activated immunoreceptors to downstream signaling events that mediate diverse cellular responses, including proliferation, differentiation, and phagocytosis. It is thought to be a modulator of

epithelial cell growth and a potential tumour suppressor in human breast carcinomas. Alternatively spliced transcript variants encoding different isoforms have been found for this gene.

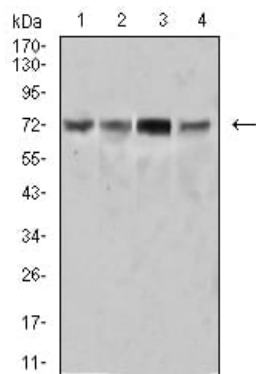
Research Area

PI3K-Akt signaling pathway

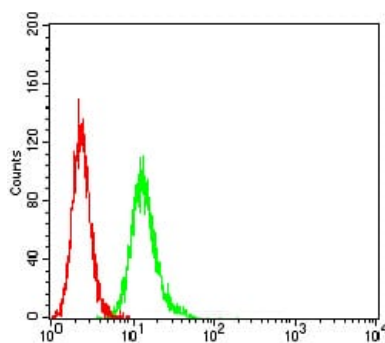
Image Data



Black line: Control Antigen (100 ng); Purple line: Antigen (10ng); Blue line: Antigen (50 ng); Red line: Antigen (100 ng)



Western blot analysis using SYK mouse mAb against Ramos (1), HEK293 (2), Raji (3), and A431 (4) cell lysate.



Flow cytometric analysis of HeLa cells using SYK mouse mAb (green) and negative control (red).