



SYK Mouse Monoclonal Antibody

E10-20211

Background: SYK, spleen tyrosine kinase. Syk (72 kDa) is a non-receptor protein tyrosine kinase that plays an important role in immune receptor signal transduction and is implicated in endothelial cell functions, including cell growth and migration. SYK is a positive effector of BCR stimulated responses. It couples the B cell antigen receptor (BCR) to the mobilization of calcium ions either through a phosphoinositide 3 kinase dependent pathway, when not phosphorylated on tyrosines of the linker region, or through a phospholipase C gamma dependent pathway, when phosphorylated on Tyr 342 and Tyr 346. Thus the differential phosphorylation of SYK can determine the pathway by which BCR is coupled to the regulation of intracellular calcium ions.

Catalog Number: E10-20211

Amount: 100µg/100µl

Clone Number: 8C1A3

Species: Mouse IgG1

Aliases: FLJ25043; FLJ37489; DKFZp313N1010

Entrez Gene: 6580

Immunogen: Purified recombinant fragment of SYK (aa296-484) expressed in E. Coli.

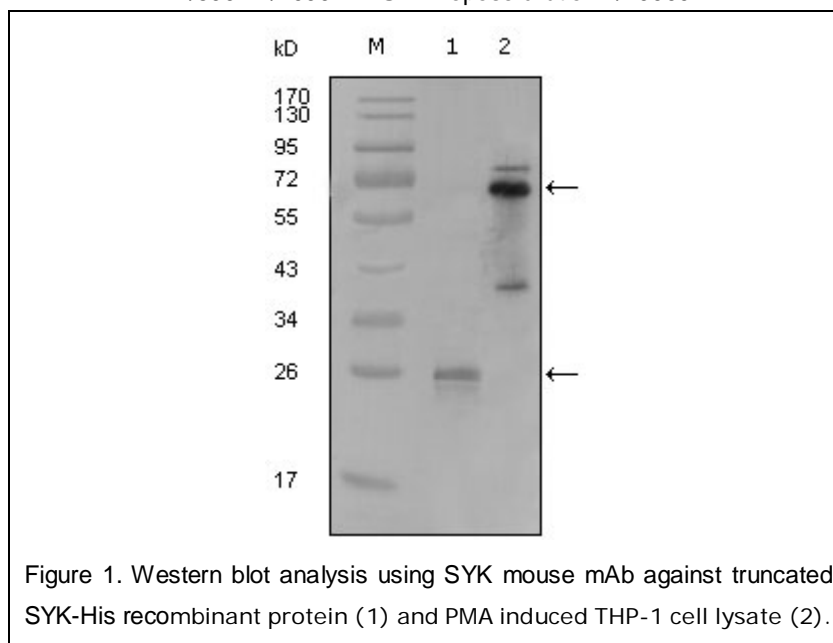
Storage: Store at 4 °C for long term storage, 8°C for short term storage.

Formulation: Ascitic fluid containing 0.03% sodium azide.

Species Reactivities: Human

Tested Applications: WB ,ELISA. Not yet tested in other applications. Determining optimal working dilutions by titration test.

Application notes: WB.1/500 - 1/2000. ELISA. Propose dilution 1/10000.



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