

Phospho-Syk Antibody Sampler Kit

Cat# AK0239

Upon receipt, store at -20°C. Avoid freeze/thaw cycles.

PRODUCT DESCRIPTION

Syk is a protein tyrosine kinase that plays an important role in intracellular signal transduction in hematopoietic cells. Syk interacts with immunoreceptor tyrosine-based activation motifs (ITAMs) located in the cytoplasmic domains of immune receptors. It couples the activated immunoreceptors to downstream signaling events that mediate diverse cellular responses, including proliferation, differentiation, and phagocytosis. There is also evidence of a role for Syk in nonimmune cells and investigators have indicated that Syk is a potential tumor suppressor in human breast carcinomas. Tyr323 is a negative regulatory phosphorylation site within the SH2-kinase linker region in Syk. Phosphorylation at Tyr323 provides a direct binding site for the TKB domain of Cbl. Tyr352 of Syk is involved in the association of PLC γ 1. Tyr525 and Tyr526 are located in the activation loop of the Syk kinase domain; phosphorylation at Tyr525/526 of human Syk (equivalent to Tyr519/520 of mouse Syk) is essential for Syk function.

PRODUCT INCLUDES

Cat No.	Product name	Quantity	Applications	Reactivity	Host
A340338	Phospho-SYK (Tyr348) Polyclonal Antibody	20 μ L	WB, IHC, ELISA	Human, Mouse, Rat, Monkey	Rabbit
A340339	Phospho-SYK (Tyr525) Polyclonal Antibody	20 μ L	WB, IHC, ELISA	Human, Mouse, Rat, Monkey	Rabbit
A1013s	Goat Anti-Rabbit IgG (H+L) (peroxidase/HRP conjugated)	120 μ L	WB, ELISA	Rabbit	Goat

PRODUCT USE LIMITATION

These products are intended for research use only.