

Product Datasheet

Lyn (1C8) Mouse mAb

Catalog No: AB3416

Reactivity: Human

Isotype: Mouse IgG1

Applications: WB



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Information

UniProt ID: P07948

All Names: JTK8; p53Lyn; p56Lyn;LYN.

Form: Liquid

Storage instructions: Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.

Storage buffer: pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.

Purity: Affinity-chromatography

Immunogen: A synthesized peptide

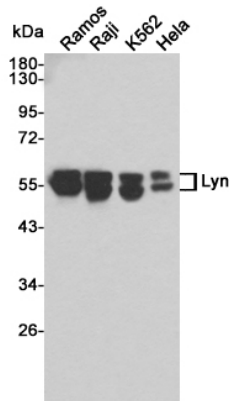
Molecular Wt.: 56/53kDa

Application

WB 1:500-1:1000

Background

Swiss-Prot Acc.P07948.Down regulates expression of stem cell growth factor receptor (KIT). Acts as an effector of EpoR (erythropoietin receptor) in controlling KIT expression and may play a central role in erythroid differentiation during the switch between proliferation and maturation (By similarity). Acts as a positive regulator of cell movement while negatively regulating adhesion to stromal cells by inhibiting the ICAM-1-binding activity of beta-2 integrins. Acts as the mediator that relays suppressing signals from the chemokine receptor CXCR4 to beta-2 integrin LFA-1 in hematopoietic precursors. Involved in induction of stress-activated protein kinase (SAPK), but not ERK or p38 MAPK, in response to genotoxic agents. Induces SAPK by a MKK7- and MEKK1-dependent mechanism. The LYN -> MEKK1 -> MKK7 -> SAPK pathway is functional in the induction of apoptosis by genotoxic agents.



Western blot detection of Lyn in Ramos,Raji,K562 and HeLa cell lysates using Lyn mouse mAb(dilution 1:1000).Predicted band size:56/53kDa.Observed band size:56/53kDa.

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