

Datasheet for ABIN969265

anti-LYN antibody



[Go to Product page](#)

1 Image

Overview

Quantity:	100 µL
Target:	LYN
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This LYN antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

Product Details

Purpose:	LYN Antibody
Immunogen:	Purified recombinant fragment of LYN expressed in E. Coli.
Clone:	2H8D7
Isotype:	IgG2b
Purification:	Ascitic fluid

Target Details

Target:	LYN
Alternative Name:	LYN (LYN Products)
Background:	Lyn (also known as p53/56 Lyn) is a membrane-associated protein tyrosine kinase (PTK) mostly expressed in hemopoietic cells which is important in cellular signaling. It contains an

Target Details

SH2 and SH3 domain and has been found to be cleaved after activation of caspases in apoptosis. A member of the Src family of PTKs, there are two known isoforms for Lyn which plays an indispensable role in the Fc epsilon RI (FceR1) and the B-cell IgM receptor signaling pathway and is essential for Syk activation and Lat phosphorylation after FceR1 aggregation and can also phosphorylate Tec on multiple residues. Lyn can also be regulated by IL-2 and IL-3. Lyn is a member of the src family of non-receptor protein tyrosine kinases that is predominantly expressed in haematopoietic tissues. Like all members of the src family, lyn is thought to participate in signal transduction from cell surface receptors that lack intrinsic tyrosine kinase activity. It is associated with a number of cell surface receptors including the B cell antigen receptor and immunoglobulin E receptor (FceRI).

Molecular Weight: 56 kDa

UniProt: [P07948](#)

Pathways: [Fc-epsilon Receptor Signaling Pathway](#), [Hormone Transport](#), [Response to Growth Hormone Stimulus](#), [Cellular Response to Molecule of Bacterial Origin](#), [Regulation of Leukocyte Mediated Immunity](#), [Positive Regulation of Immune Effector Process](#), [CXCR4-mediated Signaling Events](#), [Thromboxane A2 Receptor Signaling](#), [Integrin Complex](#), [BCR Signaling](#)

Application Details

Application Notes: ELISA: 1/10000

Restrictions: For Research Use only

Handling

Format: Liquid

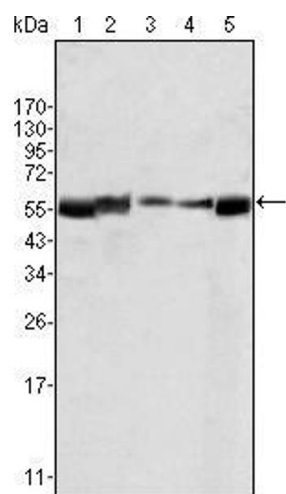
Buffer: Ascitic fluid containing 0.03 % sodium azide.

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: 4 °C, -20 °C

Storage Comment: Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.



Western Blotting

Image 1. Western blot analysis using LYN mouse mAb againsts HL60 (1), L540 (2), SLLP-M2 (3), SEM (4) and Ramos (5) cell lysate.