Datasheet for ABIN966504

anti-LYN antibody

2 Publications

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Overview

Quantity:	0.1 mL
Target:	LYN
Reactivity:	Human
Host:	Please inquire
Clonality:	Monoclonal
Conjugate:	This LYN antibody is un-conjugated
Application:	ELISA

Product Details

Immunogen:	Ni-NTA purified truncated recombinant Lyn expressed in E.coli strain BL21 (DE3)
Clone:	2H8D7
Isotype:	IgG2b
Specificity:	Ni-NTA purified truncated recombinant Lyn expressed in E. Coli strain BL21 (DE3).
Purification:	Antibodies are purified by protein A affinity chromatography

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 phosphor-ylate 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).
Gene ID:	4067
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: Propose dilution 1: 10,000. Determining optimal working dilutions by titration test.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Storage:	-20 °C

Publications

Product cited in:	Williams, Wierenga, Saraste: "Insights into Src kinase functions: structural comparisons." in: **Trends in biochemical sciences**, Vol. 23, Issue 5, pp. 179-84, (1998) (PubMed). Hibbs, Dunn: "Lyn, a src-like tyrosine kinase." in: **The international journal of biochemistry & cell biology**, Vol. 29, Issue 3, pp. 397-400, (1997) (PubMed).