

## Mouse anti-Lyn, clone LYN-01 (Monoclonal)

Clone no. LYN-01

MONOSAN

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Product name	Mouse anti-Lyn, clone LYN-01 (Monoclonal)
Host	Mouse
Applications	IP, WB, ICC
Species reactivity	Rat, Human, Mouse
Conjugate	-
Immunogen	Bacterially expressed recombinant fragment of human Lyn (aa 8 - 238).
Isotype	IgG1
Clonality	Monoclonal
Clone number	LYN-01
Size	0.1 mg
Concentration	1 mg/ml
Format	-
Storage buffer	Phosphate buffered saline (PBS) solution with 15 mM sodium azide
Storage until expiry date	2-8°C

FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES

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**Additional info**

Lyn is a Src-family protein tyrosine kinase that is predominantly expressed in hematopoietic cells. It is associated with a number of cell surface receptors including the B cell antigen receptor (BCR) and Fc receptors. Upon their triggering, Lyn phosphorylates subunits of these receptors in a cholesterol-dependent manner, utilizing the plasma membrane lipid raft system. The phosphorylated intracellular domains of the receptors are accessible for cytoplasmic Syk tyrosine kinase, which is activated by Lyn-mediated phosphorylation and which transduces the signal to downstream adaptors. Lyn is abnormally distributed in acute myeloid leukemia cells and seems to be a novel pharmacologic target of this disease.

**References**

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4. -
5. -

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