

## Mouse Monoclonal Antibody to LYN

<b>Catalogue Number</b>	sAP-0097
<b>Target Molecule</b>	<b>Name:</b> LYN <b>Aliases:</b> JTK8; FLJ26625 <b>MW:</b> 56kDa <b>Entrez Gene ID: 4067</b>
<b>Description</b>	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 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 (FcεRI) and the B-cell IgM receptor signaling pathway and is essential for Syk activation and Lat phosphorylation after FcεRI 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 sig-
<b>Immunogen</b>	Purified recombinant fragment of LYN expressed in E. Coli.
<b>Recitative Species</b>	Human
<b>Clone</b>	MM2H8D7;
<b>Size and Concentration</b>	100µg/1mg/ml
<b>Supplied as</b>	Lyophilized Powder from 100µl of Ascitic fluid containing 0.03% sodium azide.
<b>Reconstitution/Storages</b>	Reconstituted with 100µl sterile DI H <sub>2</sub> O, at stored at 4°C or -20°C for short or long term storage
<b>Applications</b>	ELISA: 1 to 10000; WB: 1 to 500 - 1 to 2000
<b>Shipping</b>	Regular FEDEX overnight shipment (ambient temperature)
<b>Reference</b>	1. Sakaguchi, A.Y., et al. Genet. 34: 175. ; 2. Hibbs, M.L., et al. Biol. 29: 397-400. ; 3. Williams, J.C., et al. Trends Biochem. Sci. 23: 179-184. ;

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the end users! This product is sold for **Research Use Only**