

# LYN Monoclonal antibody

Catalog Number: 65038-1-Ig **1 Publications**

## Basic Information

**Catalog Number:**

65038-1-Ig

**Size:**

670 µg/ml

**Source:**

Mouse

**Isotype:**

IgG2b

**GenBank Accession Number:**

BC075002

**GeneID (NCBI):**

4067

**UNIPROT ID:**

P07948

**Full Name:**v-src-1 Yamaguchi sarcoma viral  
related oncogene homolog**Calculated MW:**

512 aa, 59 kDa

**Observed MW:**

56 kDa

**Purification Method:**

Antigen affinity purification

**Recommended Dilutions:**

WB 1:500-1:2000

## Applications

**Tested Applications:**

WB, ELISA

**Cited Applications:**

WB

**Species Specificity:**

human

**Cited Species:**

human

**Positive Controls:**

WB : HL60 cells,

## Background Information

LYN, also named as JTK8, p53Lyn and p56Lyn, belongs to the protein kinase superfamily, Tyr protein kinase family and SRC subfamily. It is a non-receptor tyrosine-protein kinase that transmits signals from cell surface receptors and plays an important role in the regulation of innate and adaptive immune responses, hematopoiesis, responses to growth factors and cytokines, integrin signaling, but also responses to DNA damage and genotoxic agents. LYN is a component of the mTOR (mammalian target of rapamycin) pathway.

## Notable Publications

Author	Pubmed ID	Journal	Application
Rajan Prabhakar P	22194994	PLoS One	WB

## Storage

**Storage:**

Store at 2-8°C.

**Storage Buffer:**

PBS with 0.1% sodium azide and 50% glycerol pH 7.3.

For technical support and original validation data for this product please contact:

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