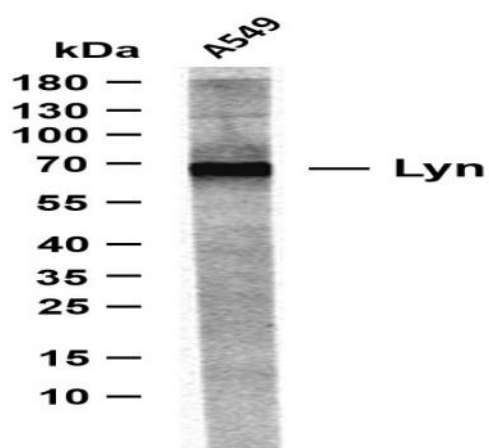


Lyn (PTR1320) mouse mAb

Catalog No :	YM4736
Reactivity :	Human;Mouse;Rat;
Applications :	WB;IF;ELISA
Target :	LYN
Gene Name :	LYN JTK8
Protein Name :	Tyrosine-protein kinase Lyn (EC 2.7.10.2) (Lck/Yes-related novel protein tyrosine kinase) (V-yes-1 Yamaguchi sarcoma viral related oncogene homolog) (p53Lyn) (p56Lyn)
Human Gene Id :	4067
Human Swiss Prot No :	P07948
Mouse Gene Id :	17096
Mouse Swiss Prot No :	P25911
Rat Gene Id :	81515
Rat Swiss Prot No :	Q07014
Immunogen :	Synthesized peptide derived from human Lyn. AA range: 450-512
Specificity :	This antibody detects endogenous levels of Lyn protein.
Formulation :	PBS, 50% glycerol, 0.05% Proclin 300, 0.05%BSA
Source :	Mouse, Monoclonal/IgG1, kappa
Dilution :	WB 1:500-2000. IF 1:100-500. ELISA 1:1000-5000
Purification :	Protein G

Concentration :	1 mg/ml
Storage Stability :	-15°C to -25°C/1 year(Do not lower than -25°C)
Molecularweight :	61kD
Observed Band :	61kD
Background :	LYN proto-oncogene, Src family tyrosine kinase(LYN) Homo sapiens This gene encodes a tyrosine protein kinase, which maybe involved in the regulation of mast cell degranulation, and erythroid differentiation. Alternatively spliced transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Jul 2011],
Function :	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. Functions primarily as negative regulator, but can also function as activator, depending on the context. Required for the initiation of the B-cell response, but also for its down-regulation and termination. Plays an important role in the regulation of B-cell differentiation, proliferation, survival and apoptosis, and is important for immune self-tolerance. Acts downstream of several immune receptors, including the B-cell receptor, CD79A, CD79B, CD5, CD19, CD22, FCER1, FCGR2, FCGR1A, TLR2 and TLR4. Plays a role in the inflammatory response to bacterial lipopolysaccharide. Mediates the
Subcellular Location :	Cytoplasmic, Nuclear
Expression :	Detected in monocytes (at protein level). Detected in placenta, and in fetal brain, lung, liver and kidney. Widely expressed in a variety of organs, tissues, and cell types such as epidermoid, hematopoietic, and neuronal cells. Expressed in primary neuroblastoma tumors.
Sort :	2
No4 :	1

Products Images



Whole cell lysates were separated by 10% SDS-PAGE, and the membrane was blotted with anti-Lyn (PTR1320) antibody. The HRP-conjugated Goat anti-Mouse IgG(H + L) antibody was used to detect the antibody. Lane 1: A549