

Product Name: KD-Validated LYN Proto-Oncogene Mouse Monoclonal Antibody
Catalog #: KVA01929

For research use only.

Summary

Description	KO&KD-Validated antibody
Host	Mouse
Application	WB,ICC
Reactivity	Human,Rat
Conjugation	Unconjugated
Modification	Unmodified
Isotype	Mouse IgG1
Clonality	Mouse mAb
Form	Liquid
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	Supplied in PBS (pH 7.4) containing 50% glycerol, and 0.02% sodium azide.
Purification	Affinity purification

Application

Dilution Ratio	WB 1:200-1:1,000; ICC 1:100-1:1,000
Molecular Weight	Calculated MW: 58.6kDa

Antigen Information

Gene Name	LYN LYN; LYN Proto-Oncogene, Src Family Tyrosine Kinase; JTK8; V-Yes-1 Yamaguchi Sarcoma
Alternative Names	Viral Related Oncogene Homolog; Lck/Yes-Related Novel Protein Tyrosine Kinase; Tyrosine-Protein Kinase Lyn; EC 2.7.10.2; P53Lyn; P56Lyn; EC 2.7.10; SAIDV
Gene ID	4067.0
SwissProt ID	P07948
Immunogen	Recombinant protein of human LYN

Background

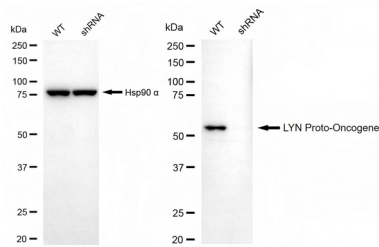
This gene encodes a tyrosine protein kinase, which maybe involved in the regulation of mast cell degranulation, and erythroid differentiation. Alternatively spliced transcript variants encoding different isoforms have been found for this gene. [provided by

RefSeq, Jul 2011]

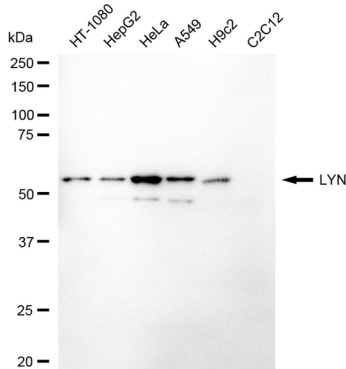
Research Area

Signal Transduction

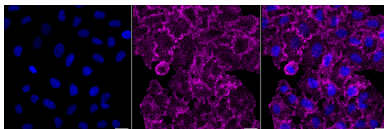
Image Data



Western blotting analysis using LYN proto-oncogene antibody (KVA01929). LYN proto-oncogene expression in wild-type (WT) and LYN proto-oncogene (LYN) shRNA knockdown (KD) HeLa cells with 20 µg of total cell lysates. Hsp90 α serves as a loading control. The blot was incubated with LYN proto-oncogene antibody (KVA01929, 1:1,000) and HRP-conjugated goat anti-mouse secondary antibody (APS0631, 1:10,000) respectively.



Western blotting analysis using LYN proto-oncogene antibody (KVA01929). Total cell lysates (30 µg) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with LYN proto-oncogene antibody (KVA01929, 1:1,000) and HRP-conjugated goat anti-mouse secondary antibody (APS0631, 1:10,000) respectively.



Immunocytochemical staining of HeLa cells with LYN proto-oncogene antibody (KVA01929, 1:1,000). Nuclei were stained blue with DAPI; LYN proto-oncogene was stained magenta with Alexa Fluor® 647. Images were taken using Leica stellaris 5. Protein abundance based on laser Intensity and smart gain: Medium. Scale bar, 20 µm.