

Lyn Monoclonal Antibody (C.486.8)

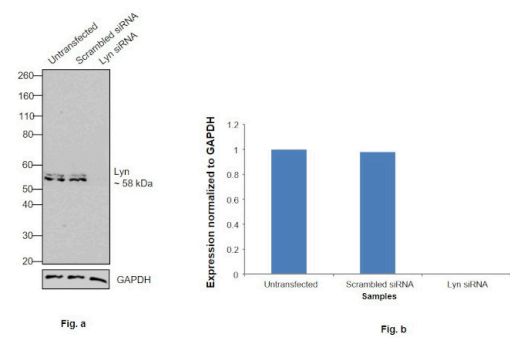
Product Details	
Size	100 µL
Species Reactivity	Human
Host/Isotype	Mouse / IgG2b
Class	Monoclonal
Type	Antibody
Clone	C.486.8
Conjugate	Unconjugated
Immunogen	Recombinant His-tagged human Lyn protein
Form	Liquid
Purification	Affinity chromatography
Storage buffer	0.01M HEPES, pH 7.5, with 0.15M NaCl, 100µg/mL BSA, 50% glycerol
Contains	<0.02% sodium azide
Storage conditions	-20°C
RRID	AB_10999823

Applications	Tested Dilution	Publications
Western Blot (WB)	1:1,000	-
Immunocytochemistry (ICC/IF)	5 µg/mL	-

Product Specific Information

It is not recommended to aliquot this antibody.

Product Images For Lyn Monoclonal Antibody (C.486.8)

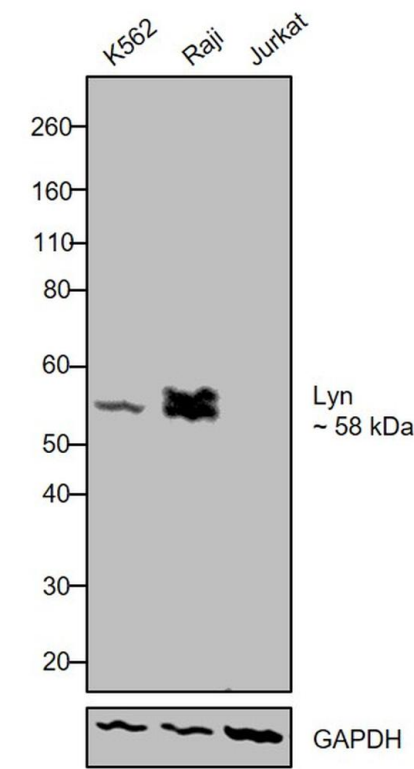


Lyn Antibody (MA5-14863)

Antibody specificity was demonstrated by siRNA mediated knockdown of target protein. K-562 cells were transfected with Tyrosine-protein kinase Lyn siRNA and decrease in signal intensity was observed in Western Blot application using Anti-Lyn Monoclonal Antibody (C.486.8) (Product # MA5-14863). {KD}

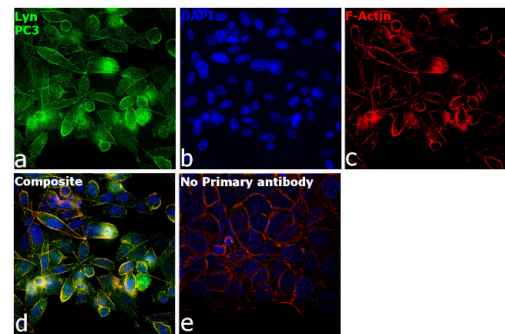
Lyn Antibody (MA5-14863) in WB

Western Blot was performed using Anti-Lyn Monoclonal Antibody (C.486.8) (Product # MA5-14863) and a 58 kDa band corresponding to Tyrosine-protein kinase Lyn was observed across cell lines. Whole cell extracts (30 µg lysate) of K-562 (Lane 1), Raji (Lane 2), Jurkat (Lane 3) were electrophoresed using NuPAGE™ 4-12% Bis-Tris Protein Gel (Product # NP0322BOX). Resolved proteins were then transferred onto a Nitrocellulose membrane (Product # IB23001) by iBlot® 2 Dry Blotting System (Product # IB21001). The Blot was probed with the primary antibody (1:1000) and detected by chemiluminescence with Goat anti-Mouse IgG (H+L) Superclonal™ Recombinant Secondary Antibody, HRP (Product # A28177, 1:4000) using the iBright FL 1000 (Product # A32752). Chemiluminescent detection was performed using Novex® ECL Chemiluminescent Substrate Reagent Kit (Product # WP20005).



Lyn Antibody (MA5-14863) in ICC/IF

Immunofluorescence analysis of Tyrosine-protein kinase Lyn was performed using 70% confluent log phase PC3 cells. The cells were fixed with 4% paraformaldehyde for 10 minutes, permeabilized with 0.1% Triton™ X-100 for 15 minutes, and blocked with 2% BSA for 45 minutes at room temperature. The cells were labeled with Lyn Monoclonal Antibody (C.486.8) (Product # MA5-14863) at 5 µg/mL in 0.1% BSA, incubated at 4 degree celsius overnight and then labeled with Donkey anti-Mouse IgG (H+L) Highly Cross-Adsorbed Secondary Antibody, Alexa Fluor Plus 488 (Product # A32766), (1:2000), for 45 minutes at room temperature (Panel a: Green). Nuclei (Panel b:Blue) were stained with ProLong™ Diamond Antifade Mountant with DAPI (Product # P36962). F-actin (Panel c: Red) was stained with Rhodamine Phalloidin (Product # R415, 1:300). Panel d represents the merged image showing Cytoplasmic localization. Panel e represents control cells with no primary antibody to assess background. The images were captured at 40X magnification.



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