

# Product Datasheet

## Lyn Antibody (LYN-01) - BSA Free NB500-519

Unit Size: 0.1 mg

Store at 4C. Do not freeze.

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**NB500-519**

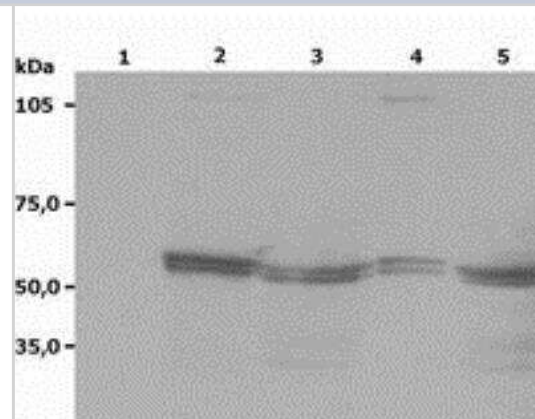
Lyn Antibody (LYN-01) - BSA Free

Product Information	
Unit Size	0.1 mg
Concentration	1.0 mg/ml
Storage	Store at 4C. Do not freeze.
Clonality	Monoclonal
Clone	LYN-01
Preservative	15mM Sodium Azide
Isotype	IgG1
Purity	Protein A purified
Buffer	Phosphate buffered saline (PBS), pH 7.4
Product Description	
Description	Novus Biologicals Mouse Lyn Antibody (LYN-01) - BSA Free (NB500-519) is a monoclonal antibody validated for use in WB, ICC/IF and IP. Anti-Lyn Antibody: Cited in 1 publication. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Mouse
Gene ID	4067
Gene Symbol	LYN
Species	Human, Mouse, Rat
Reactivity Notes	Please note that this antibody is reactive to Mouse and derived from the same host, Mouse. Additional Mouse on Mouse blocking steps may be required for IHC and ICC experiments. Please contact Technical Support for more information.
Specificity/Sensitivity	The LYN-01 reacts with Lyn (p56/p53), a non-receptor Src-family tyrosine kinase expressed in hematopoietic tissues.
Immunogen	Bacterially expressed recombinant fragment of human Lyn, aa 8 - 238 (NM_001111097.2).
Product Application Details	
Applications	Western Blot, Immunocytochemistry/ Immunofluorescence, Immunoprecipitation
Recommended Dilutions	Western Blot 1-2 ug/ml, Immunocytochemistry/ Immunofluorescence 1:10-1:2000, Immunoprecipitation 1:50
Application Notes	For WB: Use non-reducing conditions. Purity is > 95% (by SDS-PAGE).

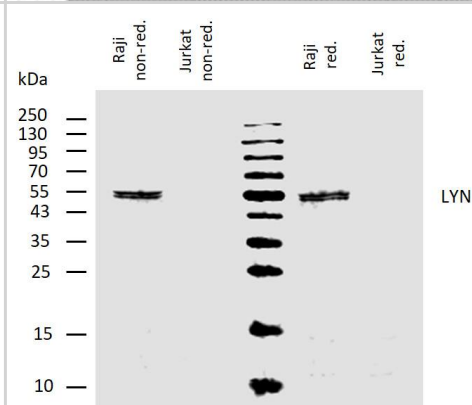


## Images

Western Blot: Lyn Antibody (LYN-01) [NB500-519] - Fig. 1. Western Blotting analysis (non-reducing conditions) of Lyn using anti-Lyn (LYN-01). Lane 1: negative control Lane 2: RBL rat basophilic leukemia cell line Lane 3: JURKAT human peripheral blood T cell leukemia cell line Lane 4: A-431 human epidermoid carcinoma cell line Lane 5: U-937 human histiocytic lymphoma cell line.



Analysis of human LYN using mouse monoclonal antibody LYN-01 on lysates of Raji cell line and Jurkat cell line (LYN non-expressing cell line; negative control) under non-reducing and reducing conditions. Nitrocellulose membrane was probed with 2 µg/ml of mouse anti-LYN monoclonal antibody followed by IRDye800-conjugated anti-mouse secondary antibody. LYN was detected around 55 kDa.



## Publications

Hu H, Takano N, Xiang L et al. Hypoxia-inducible factors enhance glutamate signaling in cancer cells. *Oncotarget* 2014-10-15 [PMID: 25326682] (WB, Human)



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### **Products Related to NB500-519**

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NBP2-33376H	Blue Marker Antibody (6F4-F6) [HRP]
HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB7539	Goat anti-Mouse IgG (H+L) Secondary Antibody [HRP]
NBP1-97005-0.5mg	Mouse IgG1 Isotype Control (MG1)

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### **Limitations**

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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