

# Product Datasheet

## SYK Antibody (SYK-01) - BSA Free NBP1-03250

Unit Size: 0.05 mg

Store at 4C. Do not freeze.

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### Publications: 1

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**NBP1-03250**

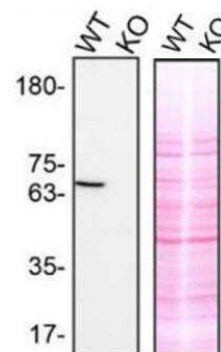
SYK Antibody (SYK-01) - BSA Free

Product Information	
Unit Size	0.05 mg
Concentration	0.5 mg/ml
Storage	Store at 4C. Do not freeze.
Clonality	Monoclonal
Clone	SYK-01
Preservative	0.09% Sodium Azide
Isotype	IgG1
Purity	Affinity purified
Buffer	PBS (pH 7.2)
Product Description	
Host	Mouse
Gene ID	6850
Gene Symbol	SYK
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.
Immunogen	Recombinant human SYK.
Product Application Details	
Applications	Western Blot, Immunohistochemistry, Immunohistochemistry-Paraffin, Immunoprecipitation, Knockout Validated
Recommended Dilutions	Western Blot 1:500, Immunohistochemistry 1:10-1:500, Immunoprecipitation 1:10-1:500, Immunohistochemistry-Paraffin 10 ug/ml, Knockout Validated
Application Notes	IHC: NBP1-03250 was validated for use in immunohistochemistry on a panel of 21 formalin-fixed, paraffin-embedded (FFPE) human tissues after heat induced antigen retrieval in pH 6.0 citrate buffer. After incubation with the primary antibody, slides were incubated with biotinylated secondary antibody, followed by alkaline phosphatase-streptavidin and chromogen. The stained slides were evaluated by a pathologist to confirm staining specificity..

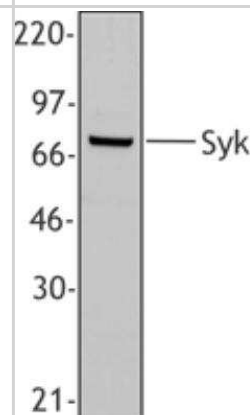


## Images

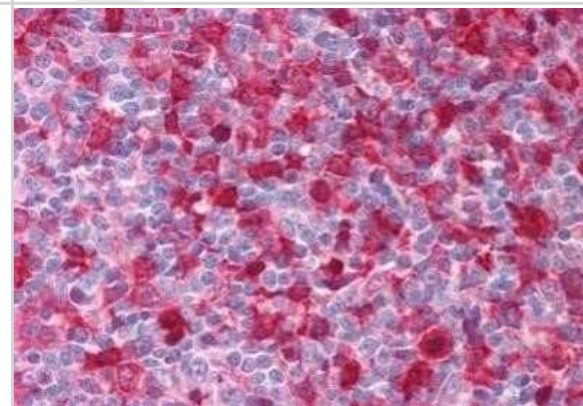
Western Blot: SYK Antibody (SYK-01) [NBP1-03250] - Lysates of THP-1 (WT and SYK KO) were prepared and 30 ug of protein were processed for immunoblot with SYK Antibody (SYK-01). The Ponceau stained transfer is shown. Antibody dilution used: 1/500. Image, protocol and testing courtesy of YCharOS Inc. (ycharos.com).



Western Blot: SYK Antibody (SYK-01) [NBP1-03250] - Western blot of extracts from Human PBMC, SYK Antibody (SYK-01)



Immunohistochemistry-Paraffin: SYK Antibody (SYK-01) [NBP1-03250] - Staining of human tonsil. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval. Antibody concentration 10 ug/ml.



## Publications

Alshafie, W;Fotouhi, M;Ayoubi, R;Southern, K;Laflamme, C;NeuroSGC/YCharOS collaborative group, ; Identification of high-performing antibodies for tyrosine-protein kinase SYK for use in Western Blot, immunoprecipitation and immunofluorescence F1000Research 2023-10-09 [PMID: 38948505]



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### **Products Related to NBP1-03250**

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HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-97005-0.5mg	Mouse IgG1 Isotype Control (MG1)
NBP1-86178PEP	SYK Recombinant Protein Antigen

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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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