

Product Datasheet

SYK [p Tyr526, p Tyr525] Antibody (PSH03-70) NBP3-32800

Unit Size: 100 ul

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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NBP3-32800

SYK [p Tyr526, p Tyr525] Antibody (PSH03-70)

Product Information	
Unit Size	100 ul
Concentration	1 mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	PSH03-70
Preservative	0.05% Sodium Azide
Isotype	IgG
Purity	Protein A purified
Buffer	PBS (pH7.4), 0.1% BSA and 40% Glycerol
Target Molecular Weight	72 kDa
Product Description	
Host	Rabbit
Gene ID	6850
Gene Symbol	SYK
Species	Human
Immunogen	Synthetic phospho-peptide corresponding to residues surrounding Tyr525 and 526 of Human SYK. (Uniprot: P43405)
Product Application Details	
Applications	Western Blot, Immunocytochemistry/ Immunofluorescence
Recommended Dilutions	Western Blot 1:1000, Immunocytochemistry/ Immunofluorescence 1:1000



Images

Immunocytochemistry/ Immunofluorescence: SYK [p Tyr526, p Tyr525] Antibody (PSH03-70) [NBP3-32800] - Immunocytochemistry analysis of Ramos cells serum starved for 16 hours add 12µg/mL human IgM (diluted in serum free medium) for 2 minutes labeling SYK with Rabbit anti-SYK antibody (NBP3-32800) at 1/1,000 dilution.

Cells were fixed in 4% paraformaldehyde for 20 minutes at room temperature, permeabilized with 0.1% Triton X-100 in PBS for 5 minutes at room temperature, then blocked with 1% BSA in 10% negative goat serum for 1 hour at room temperature. Cells were then incubated with Rabbit anti-SYK antibody (NBP3-32800) at 1/1,000 dilution in 1% BSA in PBST overnight at 4 °C. Goat Anti-Rabbit IgG H&L (iFluor™ 488) was used as the secondary antibody at 1/1,000 dilution. PBS instead of the primary antibody was used as the secondary antibody only control. Nuclear DNA was labelled in blue with DAPI.

Beta tubulin (red) was stained at 1/100 dilution overnight at +4°C. Goat Anti-Mouse IgG H&L (iFluor™ 594) was used as the secondary antibody at 1/1,000 dilution.

Western Blot: SYK [p Tyr526, p Tyr525] Antibody (PSH03-70) [NBP3-32800] - Western blot analysis of SYK on different lysates with Rabbit anti-SYK antibody (NBP3-32800) at 1/1,000 dilution.

Lane 1: Ramos cell lysate

Lane 2: Ramos serum starved for 16 hours add 12µg/mL human IgM (diluted in serum free medium) for 2 minutes cell lysate

Lysates/proteins at 20 µg/Lane.

Predicted band size: 72 kDa

Observed band size: 72 kDa

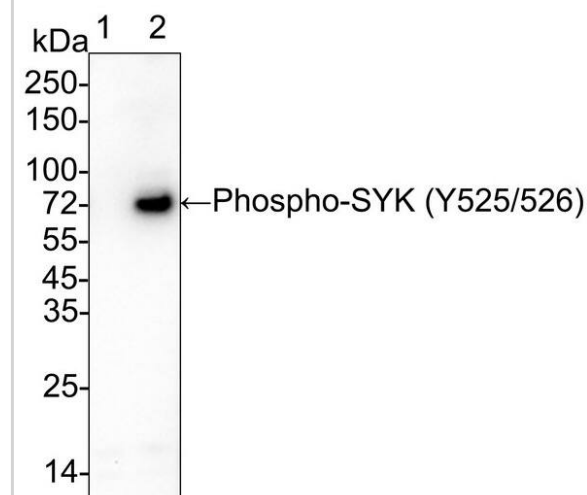
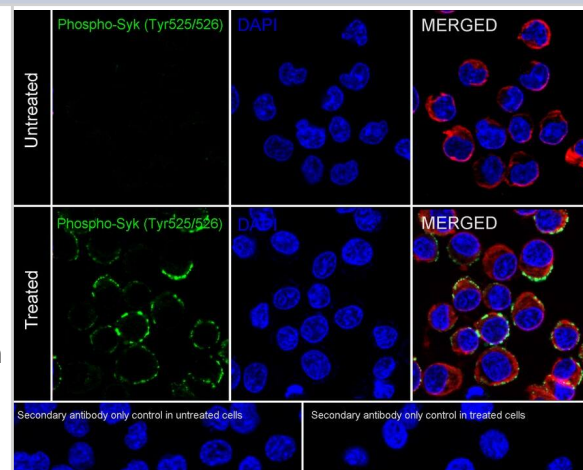
Exposure time:

Lane 1-2 (left): 1 minute 2 seconds;

Lane 1-2 (right): 2 minutes 18 seconds;

4-20% SDS-PAGE gel.

Proteins were transferred to a PVDF membrane and blocked with 5% NFDM/TBST for 1 hour at room temperature. The primary antibody at 1/1,000 dilution was used in 5% NFDM/TBST at 4°C overnight. Goat Anti-Rabbit IgG - HRP Secondary Antibody at 1/50,000 dilution was used for 1 hour at room temperature.





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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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