

Product Datasheet

Phosphoserine phosphatase Antibody (001) - Azide and BSA Free NBP2-90222-100ul

Unit Size: 100 ul

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

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NBP2-90222-100ul

Phosphoserine phosphatase Antibody (001) - Azide and BSA Free

Product Information	
Unit Size	100 ul
Concentration	Please see the vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	001
Preservative	No Preservative
Isotype	IgG
Purity	Protein A purified
Buffer	0.2 um filtered solution in PBS

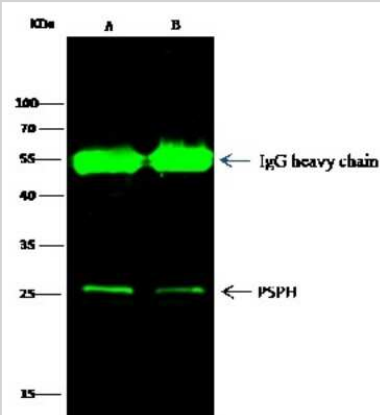
Product Description	
Description	This antibody can be stored at 2C-8C for one month without detectable loss of activity. Antibody products are stable for twelve months from date of receipt when stored at -20C to -80C. Avoid repeated freeze-thaw cycles.
Host	Rabbit
Gene ID	5723
Gene Symbol	PSPH
Species	Human
Immunogen	This antibody was obtained from a rabbit immunized with purified, recombinant Human Phosphoserine phosphatase (Uniprot#: P78330; Met1-Glu225).

Product Application Details	
Applications	Western Blot, ELISA, Immunocytochemistry/ Immunofluorescence, Immunoprecipitation
Recommended Dilutions	Western Blot 1:500-1:1000, ELISA 1:25000-1:50000, Immunocytochemistry/ Immunofluorescence 1:20-1:100, Immunoprecipitation 0.2-1 uL/mg of lysate

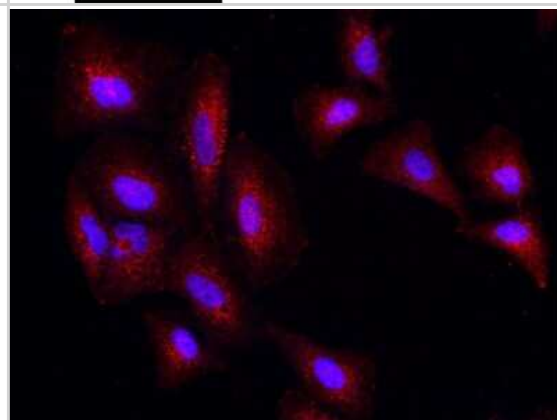


Images

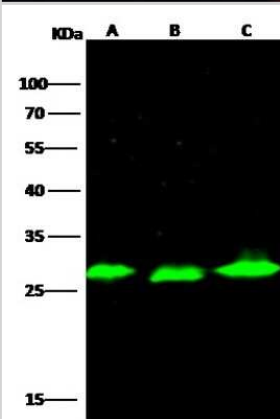
Western Blot: Phosphoserine phosphatase Antibody (001) [NBP2-90222]
 - PSPH was immunoprecipitated using: Lane A: 0.5 mg K562 Whole Cell Lysate. Lane B: 0.5 mg HepG2 Whole Cell Lysate. 0.5 μ L anti-PSPH rabbit monoclonal antibody and 15 μ L of 50 % Protein G agarose. Primary antibody: Anti-PSPH rabbit monoclonal antibody, at 1:1000 dilution. Secondary antibody: DyLight 800-labeled antibody to rabbit IgG (H+L), at 1:5000 dilution. Developed using the Odyssey technique. Performed under reducing conditions.



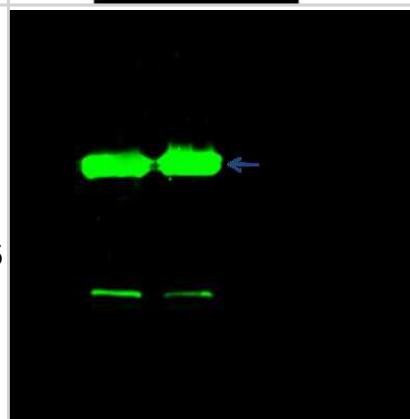
Immunocytochemistry/Immunofluorescence: Phosphoserine phosphatase Antibody (001) [NBP2-90222] - Immunofluorescence staining of Human PSPH in A549 cells. Cells were fixed with 4% PFA, permeabilized with 0.3% Triton X-100 in PBS, blocked with 10% serum, and incubated with rabbit anti-Human PSPH monoclonal antibody (dilution ratio 1:60) at 4°C overnight. Then cells were stained with the Alexa Fluor(R) 594-conjugated Goat Anti-rabbit IgG secondary antibody (red) and counterstained with DAPI (blue).



Western Blot: Phosphoserine phosphatase Antibody (001) [NBP2-90222]
 - Anti-PSPH rabbit monoclonal antibody at 1:500 dilution. Lane A: MCF7 Whole Cell Lysate. Lane B: K562 Whole Cell Lysate. Lane C: HepG2 Whole Cell Lysate. Lysates/proteins at 30 μ g per lane. Secondary: Goat Anti-Rabbit IgG H&L (DyLight800) at 1/10000 dilution. Developed using the Odyssey technique. Performed under reducing conditions. Predicted band size: 25 kDa. Observed band size: 27 kDa



Immunoprecipitation: Phosphoserine phosphatase Antibody (001) [NBP2-90222] - PSPH was immunoprecipitated using: Lane A: 0.5 mg K562 Whole Cell Lysate. Lane B: 0.5 mg HepG2 Whole Cell Lysate. 0.5 μ L anti-PSPH rabbit monoclonal antibody and 15 μ L of 50 % Protein G agarose. Primary antibody: Anti-PSPH rabbit monoclonal antibody, at 1:1000 dilution. Secondary antibody: DyLight 800-labeled antibody to rabbit IgG (H+L), at 1:5000 dilution. Developed using the Odyssey technique. Performed under reducing conditions. Predicted band size: 25 kDa. Observed band size: 25 kDa.





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HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control
NBC1-18384	Recombinant Human Phosphoserine phosphatase Protein

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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