

Product Datasheet

p53 [p Ser15] Antibody (PSH01-98) NBP3-32782

Unit Size: 100 ul

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

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NBP3-32782

p53 [p Ser15] Antibody (PSH01-98)

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	PSH01-98
Preservative	0.05% Sodium Azide
Isotype	IgG1
Purity	Protein A purified
Buffer	PBS (pH7.4), 0.1% BSA and 40% Glycerol
Target Molecular Weight	53 kDa
Product Description	
Host	Rabbit
Gene ID	7157
Gene Symbol	TP53
Species	Human
Immunogen	Synthetic phospho-peptide corresponding to residues surrounding Ser15 of Human p53 aa 1-50 / 393. (Uniprot: P04637)
Product Application Details	
Applications	Western Blot, Immunocytochemistry/ Immunofluorescence
Recommended Dilutions	Western Blot 1:1000, Immunocytochemistry/ Immunofluorescence 1:10000



Images

Western Blot: p53 [p Ser15] Antibody (PSH01-98) [NBP3-32782] - Western blot analysis of p53 on different lysates with Rabbit anti-p53 antibody (NBP3-32782) at 1/1,000 dilution.

Lane 1: HT-29 cell lysate

Lane 2: HT-29 treated with 0.5uM Doxorubicin for 24 hours cell lysate

Lane 3: HT-29 treated with 0.5uM Doxorubicin for 24 hours, then treated with pp for 1 hour cell lysate

Lysates/proteins at 20 ug/Lane.

Predicted band size: 53 kDa

Observed band size: 53 kDa

Exposure time: 1 minute 46 seconds;

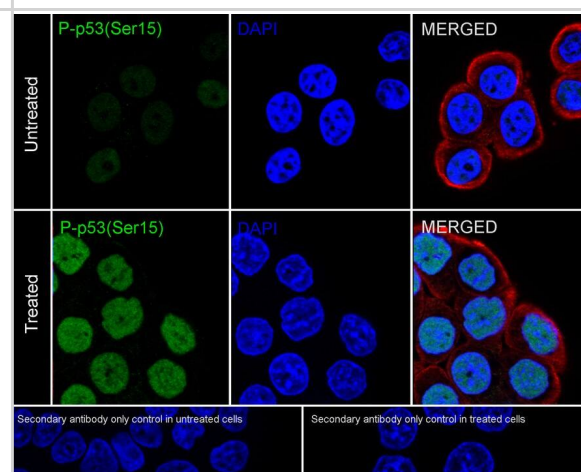
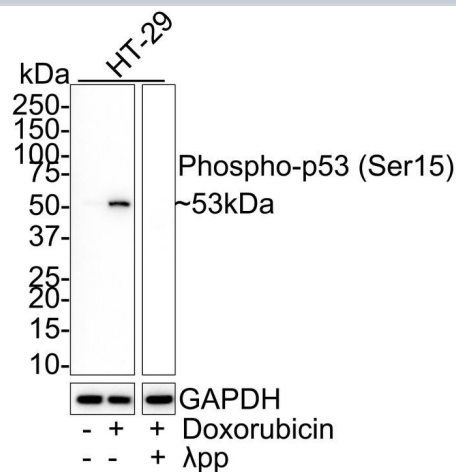
4-20% SDS-PAGE gel.

Proteins were transferred to a PVDF membrane and blocked with 5% NFDM/TBST for 1 hour at room temperature. The primary antibody (NBP3-32782) at 1/1,000 dilution was used in 5% NFDM/TBST at room temperature for 2 hours. Goat Anti-Rabbit IgG - HRP Secondary Antibody at 1/50,000 dilution was used for 1 hour at room temperature.

Immunocytochemistry/ Immunofluorescence: p53 [p Ser15] Antibody (PSH01-98) [NBP3-32782] - Immunocytochemistry analysis of HT-29 treated with or without 0.5uM Doxorubicin for 24 hours cells labeling p53 with Rabbit anti-p53 antibody (NBP3-32782) at 1/10,000 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-p53 antibody (NBP3-32782) at 1/10,000 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.





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Products Related to NBP3-32782

HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-34495PEP	p53 Recombinant Protein Antigen
1129-ER-050	ErbB2/Her2 [Unconjugated]

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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