

Product Datasheet

p53 Antibody - BSA Free NBP2-19667

Unit Size: 0.1 ml

Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.

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Updated 2/23/2025 v.20.1

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NBP2-19667

p53 Antibody - BSA Free

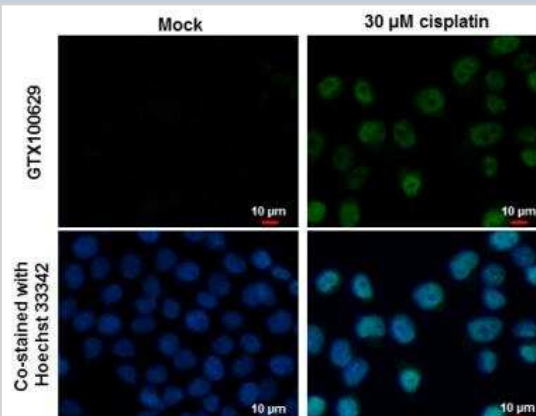
Product Information	
Unit Size	0.1 ml
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.01% Thimerosal
Isotype	IgG
Purity	Antigen Affinity-purified
Buffer	0.1M Tris (pH 7), 0.1M Glycine, 10% Glycerol
Target Molecular Weight	44 kDa

Product Description	
Host	Rabbit
Gene ID	7157
Gene Symbol	TP53
Species	Human, Mouse
Immunogen	Carrier-protein conjugated synthetic peptide encompassing a sequence within the N-terminus region of human p53. The exact sequence is proprietary.

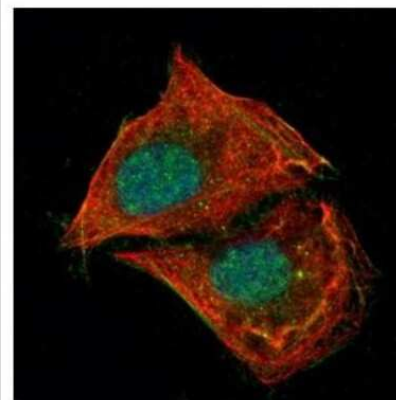
Product Application Details	
Applications	Western Blot, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin, Immunoprecipitation
Recommended Dilutions	Western Blot 1:500-1:3000, Immunohistochemistry 1:100-1:1000, Immunocytochemistry/ Immunofluorescence 1:100-1:1000, Immunoprecipitation 1:100-1:500, Immunohistochemistry-Paraffin 1:100-1:1000

Images

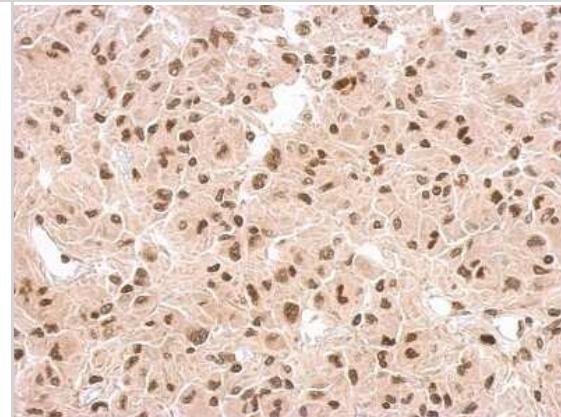
Western Blot: p53 Antibody [NBP2-19667] - p53 antibody [N1], N-term detects p53 protein at nucleus by immunofluorescent analysis.
 Samples: HCT 116 cells mock (left) and treated with 30 uM Cisplatin for 24 hrs (right) were fixed in 4% paraformaldehyde at RT for 15 min.
 Green: p53 protein stained by p53 antibody [N1], N-term.
 Blue: Hoechst 33342 staining.
 Scale bar = 10 um.



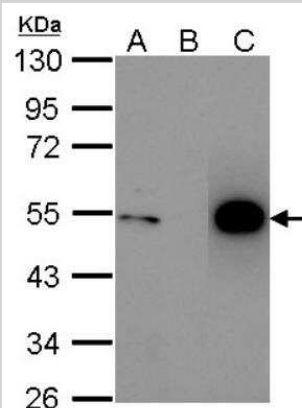
Immunocytochemistry/Immunofluorescence: p53 Antibody [NBP2-19667]
 - Confocal immunofluorescence analysis of paraformaldehyde-fixed U2OS, using p53 antibody (Green) at 1:500 dilution. Alpha-tubulin filaments are labeled with Alpha-tubulin antibody (Red) at 1:2000.



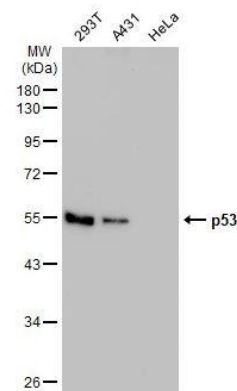
U373 xenograft, using p53 antibody at 1:500 dilution. Antigen Retrieval: Trilogy™ (EDTA based, pH 8.0) buffer, 15min



Immunoprecipitation: p53 Antibody [NBP2-19667] - Immunoprecipitation of p53 protein. HCT116 lysates with 30uM cisplatin treatment for 24 hours were subjected to immunoprecipitation using (B) normal rabbit IgG or (C) 2.5 ug of anti-p53 antibody. (A) Input, 20ug of HCT116 lysates. The precipitated protein was detected by NBP2-19667. anti-Rabbit IgG Kit was used in the Western blot.



Whole cell extract (30 µg) were separated by 10% SDS-PAGE, and the membrane was blotted with p53 antibody [N1], N-term diluted at 1:1000. The HRP-conjugated anti-rabbit IgG antibody (NBP2-19301) was used to detect the primary antibody.





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Products Related to NBP2-19667

HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control
NBP3-21301PEP	p53 Recombinant Protein Antigen

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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