p53 antibody [N1], N-term

Cat. No. GTX100629

Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Applications	WB, ICC/IF, IHC-P, IP
Reactivity	Human, Mouse

References (9)

Review (3)

Package
100 µl, 25 µl

Applications

Application Note

*Optimal dilutions/concentrations should be determined by the researcher.

Suggested dilution	Recommended dilution
WB	1:500-1:3000
ICC/IF	1:100-1:1000
IHC-P	1:100-1:1000
IP	1:100-1:500

Not tested in other applications.

Calculated MW 44 kDa. (Note)

Properties

Form	Liquid
Buffer	0.1M Tris, 0.1M Glycine, 10% Glycerol
Preservative	0.01% Thimerosal
Storage	Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4ºC. For long-term storage, aliquot and store at -20ºC or below. Avoid multiple freeze-thaw cycles.
Concentration	1 mg/ml (Please refer to the vial label for the specific concentration.)
Immunogen	Carrier-protein conjugated synthetic peptide encompassing a sequence within the N-terminus region of human p53. The exact sequence is proprietary.
Purification	Purified by antigen-affinity chromatography.
Conjugation	Unconjugated

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1-877-436-3839 (Toll-free) 1-949-309-2888 sales@genetex.com

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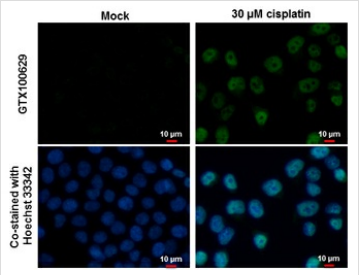
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Note

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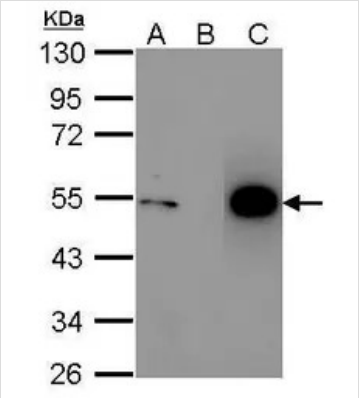
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DATA IMAGES



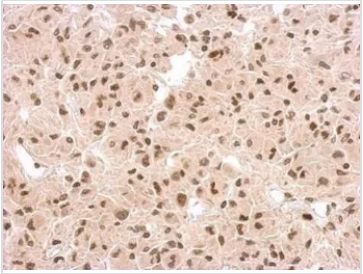
GTX100629 ICC/IF Image

p53 antibody [N1], N-term detects p53 protein at nucleus by immunofluorescent analysis.
Samples: HCT 116 cells mock (left) and treated with 30 μM 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 (GTX100629) diluted at 1:500.
Blue: Hoechst 33342 staining.
Scale bar = 10 μm.



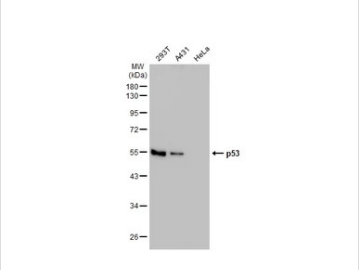
GTX100629 IP Image

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 (GTX100629). (A) Input, 20ug of HCT116 lysates. The precipitated protein was detected by GTX100629 diluted at 1:10000. EasyBlot anti-Rabbit IgG Kit (GTX225856-01) was used in Western blot.



GTX100629 IHC-P Image

Immunohistochemical analysis of paraffin-embedded U373 xenograft, using p53(GTX100629) antibody at 1:500 dilution.
Antigen Retrieval: Trilogy™ (EDTA based, pH 8.0) buffer, 15min



GTX100629 WB Image

Whole cell extract (30 μg) were separated by 10% SDS-PAGE, and the membrane was blotted with p53 antibody [N1], N-term (GTX100629) diluted at 1:1000. The HRP-conjugated anti-rabbit IgG antibody (GTX213110-01) was used to detect the primary antibody.

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