p53 antibody

Cat. No. GTX102965

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

References (31)

Review (4)

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
ChIP assay	Assay dependent

Not tested in other applications.

Calculated MW 44 kDa. (Note)

Properties

Form	Liquid
Buffer	PBS, 20% Glycerol
Preservative	0.025% ProClin 300
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	1.28 mg/ml (Please refer to the vial label for the specific concentration.)
Immunogen	Recombinant protein encompassing a sequence within the center region of human p53. The exact sequence is proprietary.
Purification	Purified by antigen-affinity chromatography.
Conjugation	Unconjugated

For full product information, images and publications, please visit our website.

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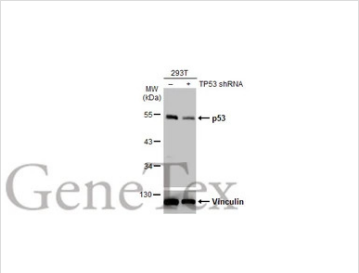
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Note

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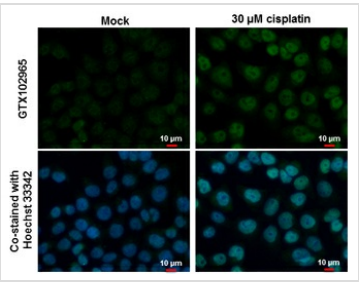
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DATA IMAGES



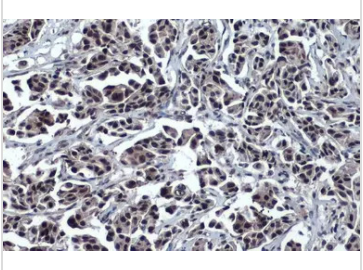
GTX102965 WB Image

Non-transfected (–) and transfected (+) 293T whole cell extracts (30 µg) were separated by 10% SDS-PAGE, and the membrane was blotted with p53 antibody (GTX102965) diluted at 1:1000. The HRP-conjugated anti-rabbit IgG antibody (GTX213110-01) was used to detect the primary antibody.



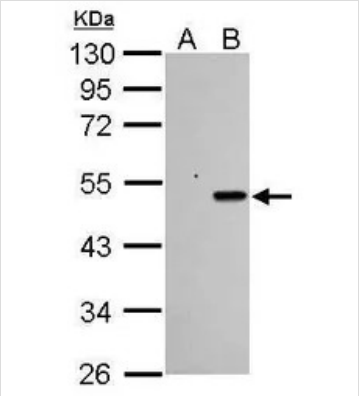
GTX102965 ICC/IF Image

p53 antibody 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 (GTX102965) diluted at 1:500.
Blue: Hoechst 33342 staining.
Scale bar = 10 µm.



GTX102965 IHC-P Image

p53 antibody detects p53 protein at nucleus by immunohistochemical analysis.
Sample: Paraffin-embedded human breast carcinoma.
p53 stained by p53 antibody (GTX102965) diluted at 1:500.
Antigen Retrieval: Citrate buffer, pH 6.0, 15 min



GTX102965 WB Image

Sample (30 µg of whole cell lysate)
A: HCT116 cells with mock treatment for 24 hr
B: HCT116 cells with 30 µM cisplatin treatment for 24 hr
10% SDS PAGE
GTX102965 diluted at 1:1000
The HRP-conjugated anti-rabbit IgG antibody (GTX213110-01) was used to detect the primary antibody.

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