

p53 antibody [Pab240]

Cat. No. GTX70218

Host	Mouse
Clonality	Monoclonal
Isotype	IgG1
Applications	WB, ICC/IF, IHC-P, IHC-Fr, FCM, IP, ELISA
Reactivity	Human, Mouse, Cat

References (6)

Package

100 µl

Applications

Application Note

For IHC: Use at a dilution of 1:250 - 1:500. Extensive washing may be necessary. This product does not require protein digestion or microwave antigen retrieval prior to staining. For IP: Use at 10µg/mg of lysate. By immunoprecipitation, this antibody reacts with only MUTANT p53protein under NON-DENATURING conditions. For WB: Use at a dilution of 1:2,000. Predicted molecular weight: 53 kDa. Optimal dilutions/concentrations should be determined by the researcher.

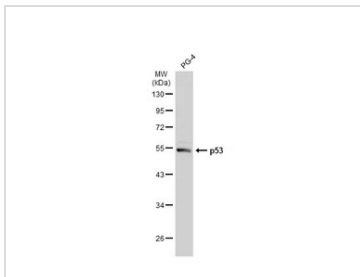
Calculated MW 44 kDa. ([Note](#))

Properties

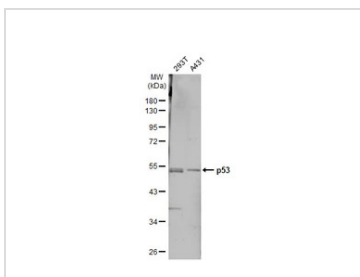
Form	Liquid
Buffer	PBS, 20% Glycerol
Preservative	No preservatives
Storage	Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.
Concentration	2 mg/ml (Please refer to the vial label for the specific concentration.)
Immunogen	Gel-purified p53 containing p53 amino acids 14-389 (derived from the pSV53C p53 cDNA clone).
Purification	Protein G purified From tissue culture supernatant
Conjugation	Unconjugated
Note	<p>For laboratory research use only. Not for any clinical, therapeutic, or diagnostic use in humans or animals. Not for animal or human consumption.</p> <p>Purchasers shall not, and agree not to enable third parties to, analyze, copy, reverse engineer or otherwise attempt to determine the structure or sequence of the product.</p>



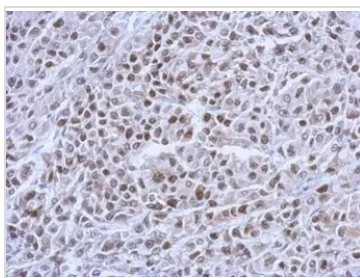
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DATA IMAGES

GTx70218 WB Image

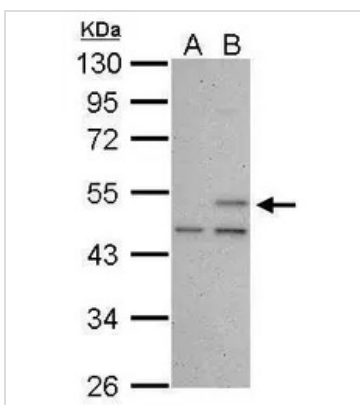
Whole cell extract (30 µg) was separated by 10% SDS-PAGE, and the membrane was blotted with p53 antibody [Pab240] (GTx70218) diluted at 1:1000. The HRP-conjugated anti-mouse IgG antibody (GTx213111-01) was used to detect the primary antibody.


GTx70218 WB Image

Various whole cell extracts (30 µg) were separated by 10% SDS-PAGE, and the membrane was blotted with p53 antibody [Pab240] (GTx70218) diluted at 1:1000. The HRP-conjugated anti-mouse IgG antibody (GTx213111-01) was used to detect the primary antibody, and the signal was developed with Trident ECL plus-Enhanced.


GTx70218 IHC-P Image

Immunohistochemical analysis of paraffin-embedded HBL435 xenograft, using p53(GTx70218) antibody at 1:200 dilution.


GTx70218 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

GTx70218 diluted at 1:1000

The HRP-conjugated anti-mouse IgG antibody (GTx213111-01) was used to detect the primary antibody.



For full product information, images and publications, please visit our [website](https://www.genetex.com).