

## p53 antibody [Pab240]

Cat. No. GTX70218

|                     |   |
|---------------------|---|
| <b>Host</b>         | Mouse                                     |
| <b>Clonality</b>    | Monoclonal                                |
| <b>Isotype</b>      | IgG1                                      |
| <b>Applications</b> | WB, ICC/IF, IHC-P, IHC-Fr, FCM, IP, ELISA |
| <b>Reactivity</b>   | 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.

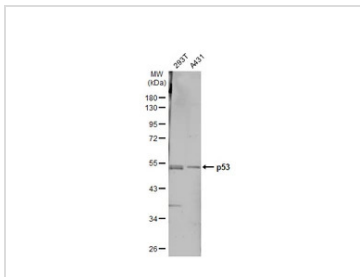
**Calculated MW** 44 kDa. ( [Note](#) )

## Properties

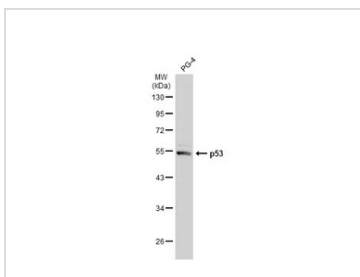
|                      |  |
|----------------------|--|
| <b>Form</b>          | Liquid   |
| <b>Buffer</b>        | PBS, 20% Glycerol  |
| <b>Preservative</b>  | No Preservative  |
| <b>Storage</b>       | Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage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



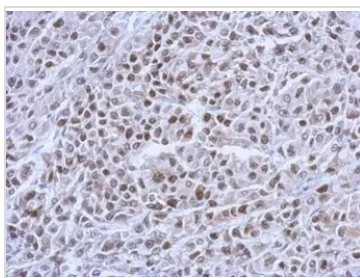
For full product information, images and publications, please visit our [website](#).

**DATA IMAGES**

**GTx70218 WB Image**

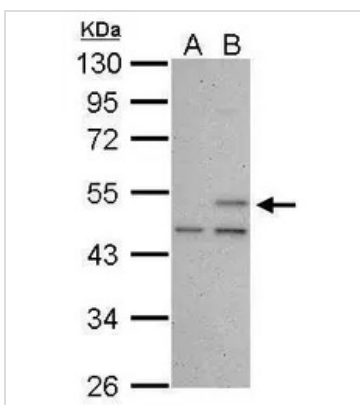
Various whole cell extracts (30  $\mu$ g) were separated by 10% SDS-PAGE, and the membrane was blotted with p53 antibody [Pab240] (GTx70218) diluted at 1:1000. The HRP-conjugated anti-mouse IgG antibody (GTx213111-01) was used to detect the primary antibody, and the signal was developed with Trident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


**GTx70218 WB Image**

Whole cell extract (30  $\mu$ g) 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 IHC-P Image**

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


**GTx70218 WB Image**

Sample (30  $\mu$ g of whole cell lysate)

A: HCT116 cells with mock treatment for 24 hr

B: HCT116 cells with 30  $\mu$ M 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.



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