

p53 antibody [Pab240]

Cat. No. GTX70218

Host	Mouse
Clonality	Monoclonal
Isotype	lgG1
Applications	WB, ICC/IF, IHC-P, IHC-Fr, FCM, IP, ELISA
Reactivity	Human, Mouse, Cat

References (6) Package 100 μΙ

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	For laboratory research use only. Not for any clinical, therapeutic, or diagnostic use in humans or animals. Not for animal or human consumption.
	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.



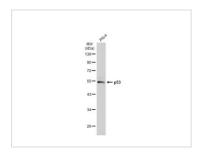
For full product information, images and publications, please visit our website.

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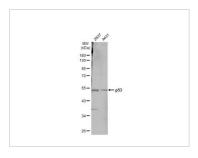


DATA IMAGES



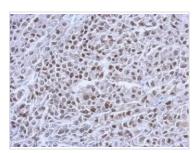
GTX70218 WB Image

Whole cell extract (30 μ 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.



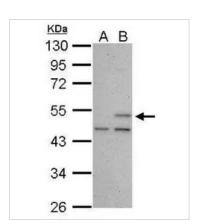
GTX70218 WB Image

Various whole cell extracts (30 μ 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 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.



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