

## p53 antibody [C2C3], C-term

**Cat. No. GTX118730**

|                     |               |
|---------------------|---------------|
| <b>Host</b>         | Rabbit        |
| <b>Clonality</b>    | Polyclonal    |
| <b>Isotype</b>      | IgG           |
| <b>Applications</b> | WB, IHC-P, IP |
| <b>Reactivity</b>   | Human, Mouse  |

**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         |
| IHC-P              | 1:100-1:1000         |
| IP                 | 1:500-1:1000         |

Not tested in other applications.

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

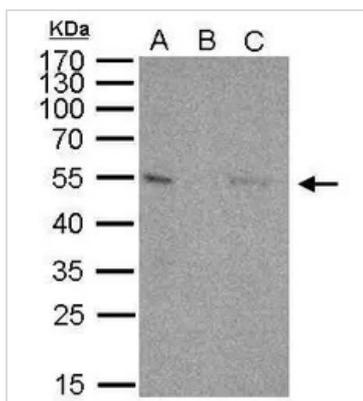
## Properties

|                      |  |
|----------------------|--|
| <b>Form</b>          | Liquid   |
| <b>Buffer</b>        | PBS, 1% BSA, 20% Glycerol  |
| <b>Preservative</b>  | 0.01% Thimerosal   |
| <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> | 1 mg/ml (Please refer to the vial label for the specific concentration.)   |
| <b>Immunogen</b>     | Carrier-protein conjugated synthetic peptide encompassing a sequence within the C-terminus region of human p53. The exact sequence is proprietary.   |
| <b>Purification</b>  | Purified by antigen-affinity chromatography.   |
| <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. |

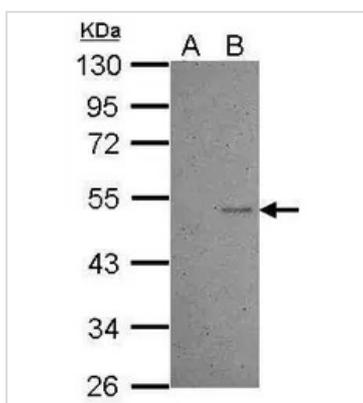


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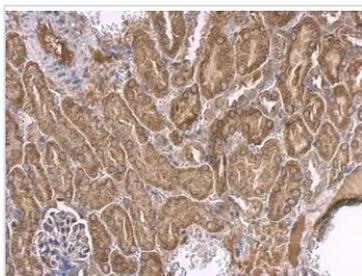
## DATA IMAGES

**GTX118730 IP Image**

p53 antibody immunoprecipitates p53 protein in IP experiments. IP Sample: 1000  $\mu$ g 293T whole cell lysate/extract A. 40  $\mu$ g 293T whole cell lysate/extract B. Control with 2.5  $\mu$ g of preimmune rabbit IgG C. Immunoprecipitation of p53 protein by 2.5  $\mu$ g of p53 antibody (GTX118730) 12% SDS-PAGE The immunoprecipitated p53 protein was detected by p53 antibody (GTX118730) diluted at 1:1000. EasyBlot anti-rabbit IgG (GTX221666-01) was used as a secondary reagent.

**GTX118730 WB Image**

Sample (30  $\mu$ g of whole cell lysate)  
 A: HCT116 cells with mock treatment for 24hr  
 B: HCT116 cells with 30 $\mu$ M cisplatin treatment for 24hr  
 10% SDS PAGE  
 GTX118730 diluted at 1:1000

**GTX118730 IHC-P Image**

p53 antibody [C2C3], C-term detects p53 protein at cytosol on mouse kidney by immunohistochemical analysis.

Sample: Paraffin-embedded mouse kidney.  
 p53 antibody [C2C3], C-term (GTX118730) dilution: 1:500.

Antigen Retrieval: Trilogy™ (EDTA based, pH 8.0) buffer, 15min



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