

## p53 antibody [B20.1 (BP 53.122)]

**Cat. No. GTX28590**

|                     |                                    |
|---------------------|------------------------------------|
| <b>Host</b>         | Mouse                              |
| <b>Clonality</b>    | Monoclonal                         |
| <b>Isotype</b>      | IgG2a                              |
| <b>Applications</b> | WB, IHC-P                          |
| <b>Reactivity</b>   | Human, Mouse, Rat, Hamster, Monkey |

[References \( 2 \)](#)
[Package](#)

500 µl

### Applications

#### Application Note

This antibody can be used on formalin-fixed, paraffin-embedded tissue sections at a dilution of 1:50-1:75 . Heat mediated antigen retrieval is strongly recommended for consistent and reproducible results. For western blotting use at 1:100-1:250. This antibody is not suitable for frozen tissue sections. The optimal conditions should be determined by the individual laboratory.

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

#### Product Note

This antibody reacts with wild type as well as mutant type of the p53 protein. It recognizes an epitope in the N-terminus of the human p53 protein. This antibody recognizes cell nuclei in which the p53 protein are generally localized. This antibody does not react with normal fibroblasts.

### Properties

|                      |                                                                                                        |
|----------------------|--------------------------------------------------------------------------------------------------------|
| <b>Form</b>          | Liquid                                                                                                 |
| <b>Buffer</b>        | PBS, 0.2% BSA                                                                                          |
| <b>Preservative</b>  | 0.09% Sodium azide                                                                                     |
| <b>Storage</b>       | Store as concentrated solution. Centrifuge briefly prior to opening vial. Store at 4°C. DO NOT FREEZE. |
| <b>Concentration</b> | 0.35 mg/ml (Please refer to the vial label for the specific concentration.)                            |
| <b>Immunogen</b>     | Recombinant full length protein (Human).                                                               |
| <b>Purification</b>  | IgG fraction                                                                                           |
| <b>Conjugation</b>   | Unconjugated                                                                                           |

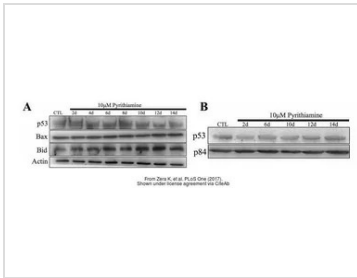
#### Note

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**DATA IMAGES**

**GTX28590 WB Image**

The data was published in the journal PLoS One in 2017. [PMID: 29045486](https://pubmed.ncbi.nlm.nih.gov/29045486/)



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