

p53 antibody [TP53/2092R]

Cat. No. GTX17698

| | |
|---------------------|--------------------------------------|
| Host | Rabbit |
| Clonality | Monoclonal |
| Isotype | IgG |
| Applications | WB, IHC-P, Protein Array |
| Reactivity | Human, Dog, Hamster, Chicken, Monkey |

Package
100 µg

Applications

Application Note

*Optimal dilutions/concentrations should be determined by the researcher.

| Suggested dilution | Recommended dilution |
|--------------------|-------------------------------|
| WB | 1-2µg/ml |
| IHC-P | 1-2µg/ml for 30 minutes at RT |
| Protein Array | Assay dependent |

Note : Staining of formalin-fixed tissues requires heating tissue sections in 10mM Tris with 1mM EDTA, pH 9.0, for 45 min at 95°C followed by cooling at RT for 20 minutes.

Not tested in other applications.

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

Product Note This MAb reacts with an N-terminal epitope (aa 16-25) of both wild type and mutated p53. We do not recommend use of this product for Mouse,Rat samples.

Properties

| | |
|----------------------|--|
| Form | Liquid |
| Buffer | PBS, 0.05% BSA |
| Preservative | 0.05% Sodium azide |
| 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 | 0.2 mg/ml (Please refer to the vial label for the specific concentration.) |
| Immunogen | Recombinant full-length human TP53 protein |
| Purification | Protein A purified |
| Conjugation | Unconjugated |

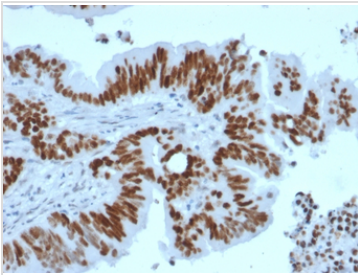


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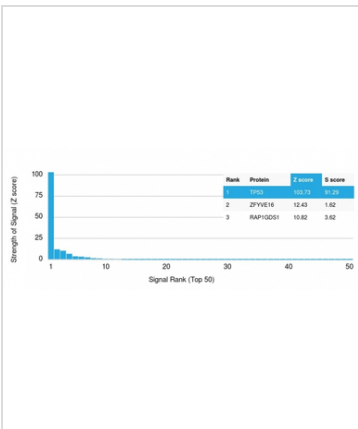
Note
 Purchasers shall not, and agree not to enable third parties to, analyze, copy, reverse engineer or otherwise attempt to determine the structure or sequence of the product.

DATA IMAGES



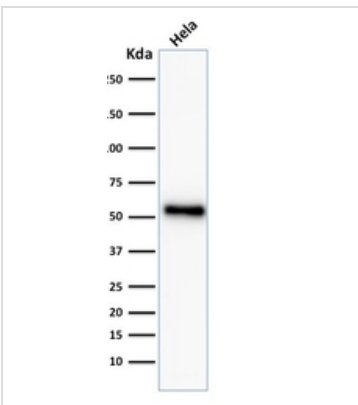
GTX17698 IHC-P Image

IHC-P analysis of human colon carcinoma tissue using GTX17698 p53 antibody [TP53/2092R].



GTX17698 Protein Array Image

Analysis of Protein Array containing more than 19,000 full-length human proteins using p53 Recombinant Rabbit Monoclonal Antibody (TP53/2092R). Z- and S- Score: The Z-score represents the strength of a signal that a monoclonal antibody produces when binding to a particular protein on the HuProt™ array. Z-scores are described in units of standard deviations (SD's) above the mean value of all signals generated on that array. If targets on HuProt™ are arranged in descending order of the Z-score, the S-score is the difference (also in units of SD's) between the Z-score. S-score therefore represents the relative target specificity of a Monoclonal Antibody to its intended target. A Monoclonal Antibody is considered to specific to its intended target if the Monoclonal Antibody has an S-score of at least 2.5. For example, if a Monoclonal Antibody binds to protein X with a Z-score of 43 and to protein Y with a Z-score of 14, then the S-score for the binding of that Monoclonal Antibody to protein X is equal to 29.



GTX17698 WB Image

WB analysis of HeLa cell lysate using GTX17698 p53 antibody [TP53/2092R].



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