

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

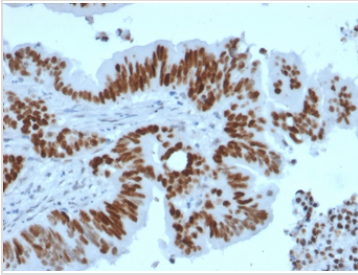


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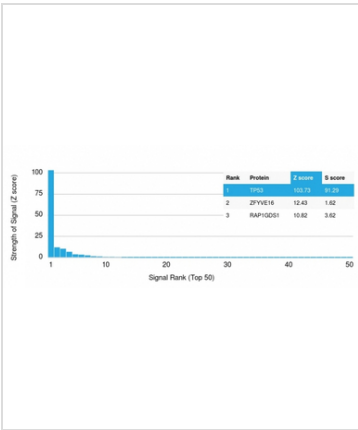
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Note

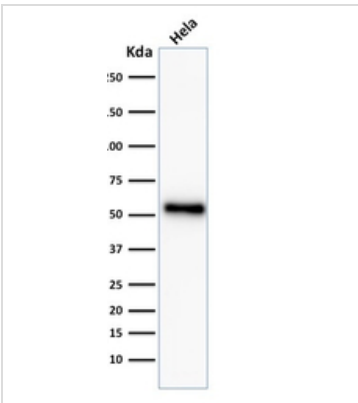
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DATA IMAGES

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 HuProtTM 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 HuProtTM 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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