

## Anti-p53 Antibody (A295374)

#### Specifications:

Name: Anti-p53 Antibody

Description: Rabbit polyclonal antibody to p53.

Applications: WB, IP, IHC, ChIP-Seq, Flow Cytometry

Recommended Dilutions: ChIP-Seq: 4 μg / 30 μg chromatin, Flow Cytometry: 1.5 μg per 1 x 10<sup>6</sup> cells in a 150 μl

volume, IHC: 1:1,000-1:5,000, IP: 2-5μg / mg lysate, WB: 1:2,000-1:10,000

Reactivity: Human

Immunogen: Synthetic peptide within amino acids 50-100 of human p53.

Host: Rabbit

Clonality: Polyclonal

Isotype: IgG

Conjugate: Unconjugated

Purification: Antigen affinity purification.

Concentration: 1 mg/ml

Product Form: Liquid

Formulation: Supplied in Tris-Citrate/Phosphate Buffer, pH 7-8, with 0.09% Sodium Azide.

Storage: Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.

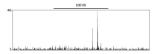
General Notes: This antibody was affinity purified using the immunising peptide immobilized on solid

support. Immunoglobulin concentration was determined by extinction coefficient:

absorbance at 280 nm of 1. 4 equals 1.0 mg of lgG.

Disclaimer: This product is for research use only. It is not intended for diagnostic or therapeutic use.

#### Images:



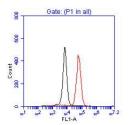
Chromatin from MCF-7 cells was immunoprecipitated with Anti-p53 Antibody (A295374) and analyzed by DNA sequencing. The figure illustrates the peak distribution of p53 binding within a 250 Kb region of chromosome 6 as detected using Anti-p53 Antibody (A295374).

ChIP-seq validation performed by Active Motif, Carlsbad, CA.

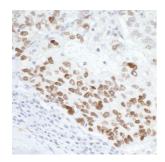


# Anti-p53 Antibody (A295374)

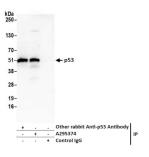
### Images continued:



Jurkat cells were fixed in 1.5% PFA, and permeabilized in 90% Methanol. 1 X 10<sup>6</sup> cells were stained with 1.5 µg anti-KLH IgG control or Anti-p53 Antibody (A295374) and secondary FITC-conjugated goat anti-rabbit (in a 150µl reaction). anti-KLH control IgG (black); anti-p53 (red).



Sample: FFPE section of human lung cancer Antibody: Anti-p53 Antibody (A295374) was used at 1:5,000 (0.2  $\mu$ g/ml). Detection: DAB.



Samples: Whole cell lysate (1.0 mg per IP reaction; 20% of IP loaded) from HEK293T cells prepared using NETN lysis buffer. Antibodies: Anti-p53 Antibody (A295374) was used for IP at 3  $\mu$ g per reaction. p53 was also immunoprecipitated using another rabbit anti-P53 antibody. For blotting immunoprecipitated p53, Anti-p53 Antibody (A295374) was used at 1  $\mu$ g/ml. Detection: Chemiluminescence with an exposure time of 30 seconds.