

## Phospho-p53 (Ser15) polyclonal antibody

Catalog: BZ16379

Host: Rabbit

Reactivity: Human, Rat

### BackGround:

Tumor protein p53, a nuclear protein, plays an essential role in the regulation of cell cycle, specifically in the transition from G0 to G1. It is found in very low levels in normal cells, however, in a variety of transformed cell lines, it is expressed in high amounts, and believed to contribute to transformation and malignancy. p53 is a DNA-binding protein containing DNA-binding, oligomerization and transcription activation domains.

### Product:

Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide, pH 7.3.

### Molecular Weight:

Calculated MW: 44 kDa; Observed MW: 48 kDa

### Swiss-Prot:

P04637

### Purification&Purity:

Affinity Purified

### Applications:

WB: 1/500-1/1000 IHC: 1/50-1/100 IF: 1/50-1/200  
IP: 1/20 ELISA: 1/10000

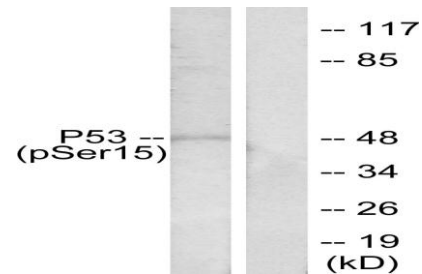
### Storage&Stability:

Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

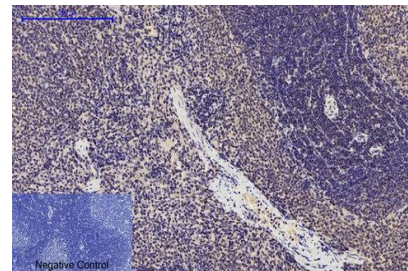
### Isotype:

IgG

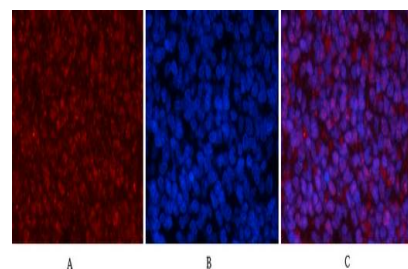
### DATA:



Western blot analysis of Phospho-p53 in HeLa treated with HU lysates using Phospho-p53 antibody. The lane on the right is blocked with the Phospho-peptide.



Immunohistochemistry analysis of paraffin-embedded rat spleen tissue using Phospho-p53 antibody. High-pressure and temperature Sodium Citrate pH 6.0 was used for antigen retrieval.



Immunofluorescence analysis of Phospho-p53 in rat spleen tissue using antibody.

Western blot analysis of Phospho-p53 in untreated and Phospho-p53 treated with HU in 293T lysates using Phospho-p53 antibody

### Note:

For research use only, not for use in diagnostic procedure.

### Bioworld Technology, Inc.

Add: 1660 South Highway 100, Suite 500 St. Louis Park, MN 55416, USA.

Email: [info@bioworld.com](mailto:info@bioworld.com)

Tel: 6123263284

Fax: 6122933841

### Bioworld technology, co. Ltd.

Add: No 9, weidi road Qixia District Nanjing, 210046, P. R. China.

Email: [info@biogot.com](mailto:info@biogot.com)

Tel: 0086-025-68037686

Fax: 0086-025-68035151