

Anti-Phospho-p53 (Ser15) Rabbit pAb

Purified Rabbit Polyclonal Antibody

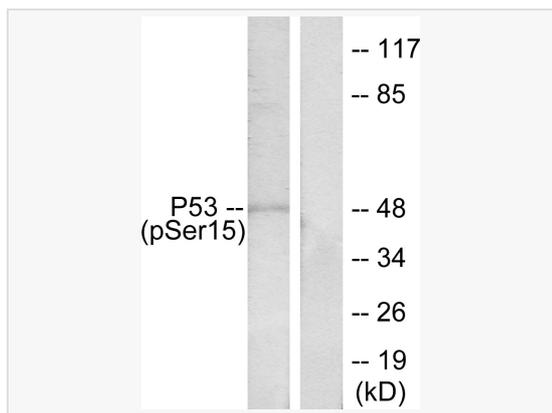
Catalog # P011868

Product Information

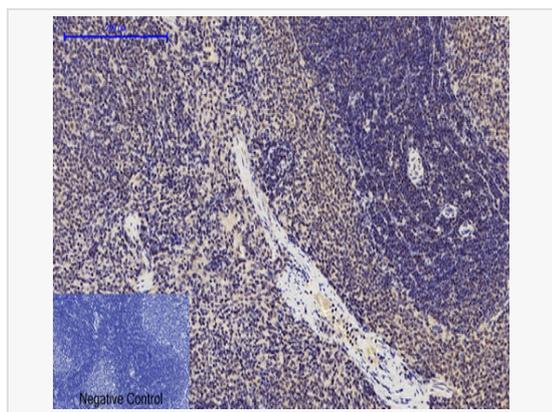
Application	IHC-F/IF (Tissue-F), IHC-P/IF (Tissue-P), IP, ICC/IF (Cell), ELISA, WB
Reactivity	Human, Rat
Dilution	WB 1:500~1:1,000; IHC-P 1:50~1:100; IF 1:50~1:200; IP 1:20; ELISA 1:10,000
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Label	Unconjugated
Immunogen	The antiserum was produced against synthesized peptide derived from human p53 around the phosphorylation site of Ser15.
Format	Buffer System: Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide, pH 7.3. Purification: Affinity Purified.
Storage	Shipped on wet ice. Store at -20°C. Stable for 24 months from date of receipt. Aliquoting is unnecessary for -20°C storage.
Precautions	Anti-Phospho-p53 (Ser15) antibody is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

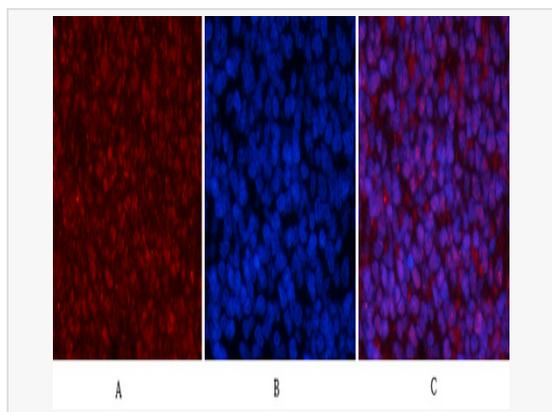
Synonyms	TP53, P53, Cellular tumor antigen p53, Antigen NY-CO-13, Phosphoprotein p53, Tumor suppressor p53.
Calculated MW	Calculated MW: 44 kDa; Observed MW: 48 kDa
Uniprot ID	P04637
Gene ID	7157
Background	Tumor protein p53, a nuclear protein, plays an essential role in the regulation of cell cycle, 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.



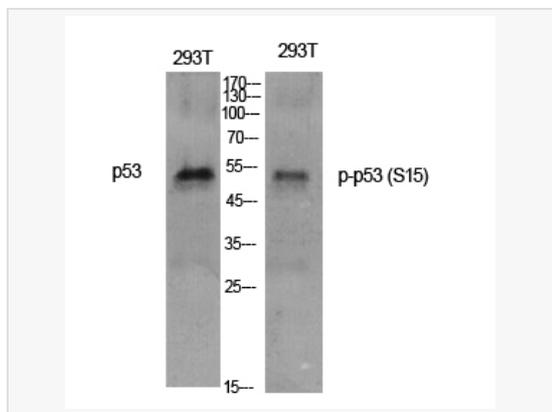
Western blot analysis of Phospho-p53 (Ser15) in HeLa treated with HU lysates using Phospho-p53 (Ser15) antibody. The lane on the right is blocked with the Phospho-peptide.



Immunohistochemistry analysis of paraffin-embedded rat spleen tissue using Phospho-p53 (Ser15) antibody. High-pressure and temperature Sodium Citrate pH 6.0 was used for antigen retrieval.



Immunofluorescence analysis of Phospho-p53 (Ser15) in rat spleen tissue using antibody.



Western blot analysis of Phospho-p53 (Ser15) in untreated and Phospho-p53 (Ser15) treated with HU in 293T lysates using Phospho-p53 (Ser15) antibody