

## p53 (phospho-S392) Rabbit monoclonal antibody

Catalog: BS9894M

Host: Rabbit

Reactivity: Human, Mouse, Rat

### Background:

p53, a DNA-binding, oligomerization domain and transcription activation domain-containing tumor suppressor, upregulates growth arrest and apoptosis-related genes in response to stress signals, thereby influencing programmed cell death, cell differentiation and cell cycle control mechanisms. p53 localizes to the nucleus, yet can be chaperoned to the cytoplasm by the negative regulator MDM2, an E3 ubiquitin ligase that is upregulated in the presence of active p53, where MDM2 poly-ubiquitinates p53 for proteasome targeting. p53 fluctuates between latent and active (DNA-binding) conformations and is differentially activated through posttranslational modifications including phosphorylation and acetylation.

### Product:

Rabbit IgG, 1mg/ml in PBS with 0.02% sodium azide, 50% glycerol, pH7.2

### Molecular Weight:

~ 53,43 kDa

### Swiss-Prot:

P04637

### Purification&Purity:

Protein A affinity purified

### Applications:

WB: 1:1000-1:5000

IHC: 1:50-1:200

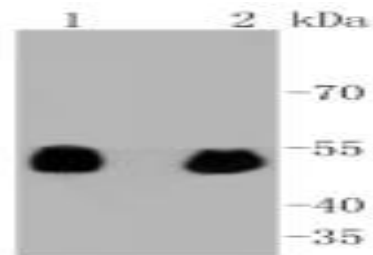
### Storage&Stability:

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

### Specificity:

This antibody detects endogenous levels of human p53 protein only when phosphorylated at Ser392.

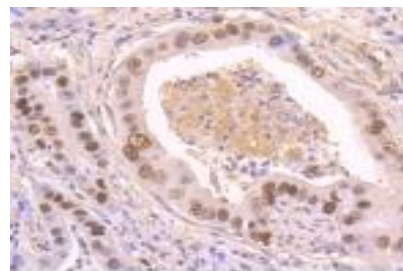
### DATA:



Western blot (WB) analysis of p53 (phospho-S392) Rabbit mAb at 1:1000 dilution

Lane1:293 whole cell lysate

Lane2:F9 whole cell lysate



Immunohistochemical analysis of paraffin-embedded human gastric carcinoma tissue using anti-Phospho-p53(S392) antibody. Counter stained with hematoxylin.

### Note:

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

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