

p53 polyclonal antibody

Catalog: BS6437

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.

Product:

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

Molecular Weight:

~ 53 kDa

Swiss-Prot:

P04637

Purification&Purity:

The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen and the purity is > 95% (by SDS-PAGE).

Applications:

WB 1:500 - 1:2000

IHC 1:50 - 1:200

IF 1:50 - 1:200

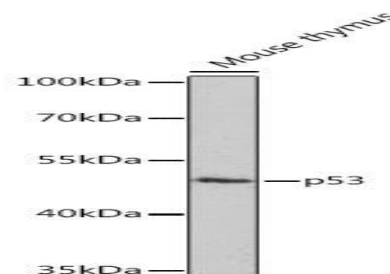
Storage&Stability:

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

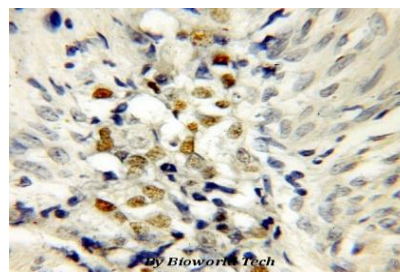
Specificity:

p53 polyclonal antibody detects endogenous levels of p53 protein.

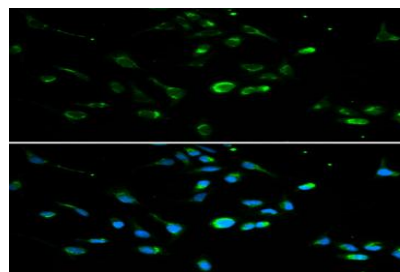
DATA:



WesternBlot (WB) analysis of p53 polyclonal antibody.



Immunohistochemistry (IHC) analysis of p53 pAb in paraffin-embedded Endometrial cancer tissue.



Immunofluorescence analysis of A549 cells, using p53 polyclonal antibody

Note:

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

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