

## Myc (phospho-T58) polyclonal antibody

Catalog: BS4128

Host: Rabbit

Reactivity: Human

### BackGround:

c-Myc-, N-Myc- and L-Myc-encoded proteins function in cell proliferation, differentiation and neoplastic disease. Myc proteins are nuclear proteins with relatively short half lives. Amplification of the c-Myc gene has been found in several types of human tumors including lung, breast and colon carcinomas, while the N-Myc gene has been found amplified in neuroblastomas. The presence of three sequence motifs in the c-Myc COOH terminus, including the leucine zipper, the helix-loop-helix and a basic region provided initial evidence for a sequence-specific binding function.

### Product:

1 mg/ml in Phosphate buffered saline (PBS) with 0.05% sodium azide, approx. pH 7.2.

### Molecular Weight:

~ 49, 57, 65 kDa

### Swiss-Prot:

P01106

### 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: 1:500~1:1000

IHC: 1:50~1:200

IP: 1:50~1:200

### Storage&Stability:

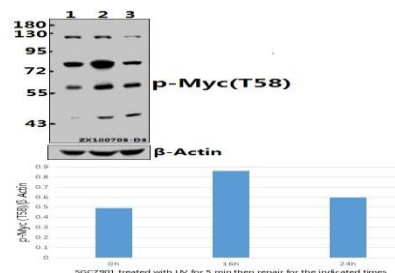
Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

### Specificity:

p-Myc (T58) polyclonal antibody detects endogenous

levels of proto-oncogene c-Myc protein only when phosphorylated at Thr58.

### DATA:

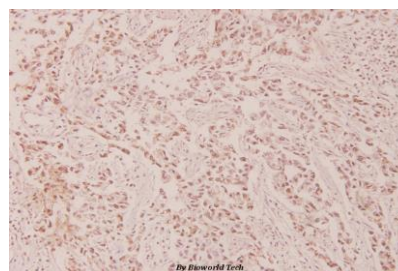


Western blot (WB) analysis of p-Myc (T58) pAb at 1:500 dilution

Lane1:SGC7901 whole cell lysate(40ug)

Lane2:SGC7901 treated with UV for 5 minutes then repair for 16 hours whole cell lysate(40ug)

Lane3:SGC7901 treated with UV for 5 minutes then repair for 24 hours whole cell lysate(40ug)



Immunohistochemistry (IHC) analyzes of p-Myc (T58) pAb in paraffin-embedded human breast carcinoma tissue at 1:100.

### Note:

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

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