

## Phospho-Hsp27 (S82) Rabbit monoclonal antibody

Catalog: BS40011

Host: Rabbit

Reactivity: Human Mouse Rat

### BackGround:

Heat shock protein (HSP) 27 is one of the small HSPs that are constitutively expressed at different levels in various cell types and tissues. Like other small HSPs, HSP27 is regulated at both the transcriptional and posttranslational levels. In response to stress, the HSP27 expression increases several-fold to confer cellular resistance to the adverse environmental change. HSP27 is phosphorylated at Ser15, Ser78, and Ser82 by MAPKAPK-2 as a result of the activation of the p38 MAP kinase pathway.

### Product:

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

### Molecular Weight:

~ 27 kDa

### Swiss-Prot:

P04792

### Purification&Purity:

Affinity-chromatography

### Applications:

WB 1:500~1:1000 IP 1:50

### Storage&Stability:

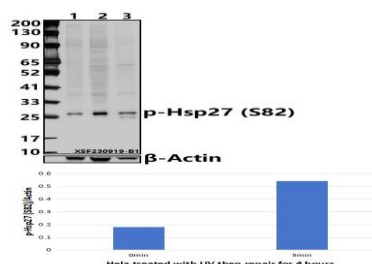
Store at 4 °C short term. Aliquot and store at -20 °C long

term. Avoid freeze-thaw cycles.

### Specificity:

Phospho-Hsp27 (S82) Antibody detects endogenous levels of Phospho-Hsp27 (S82)

### DATA:



Western blot (WB) analysis of Hsp27 (Phospho-Ser82) Rabbit monoclonal antibody at 1:1000 dilution

Lane1:Hela whole cell lysate(15ug)

Lane2:Hela treated with UV for 5 minutes then repair for 4 hours whole cell lysate(30ug)

Lane3:PC12 whole cell lysate(30ug)

### Note:

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

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