

## Hsp27 (9G1) monoclonal antibody

Catalog: MB3323

Host: Mouse

Reactivity: Human

### 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:

Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide, pH 7.3.

### Molecular Weight:

Calculated MW: 23 kDa; Observed MW: 27 kDa

### Swiss-Prot:

P04792

### Purification&Purity:

Affinity Purified

### Applications:

WB: 1/500-1/1000 IHC: 1/50-1/100

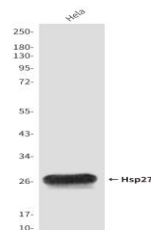
### Storage&Stability:

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

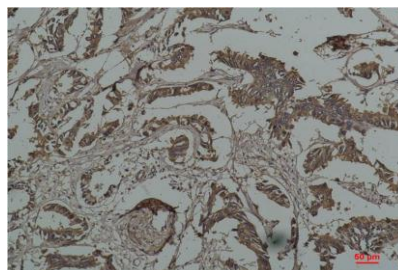
### Isotype:

IgG1

### DATA:



Western blot analysis of Hsp27 in HeLa lysates using Hsp27 antibody.



Immunohistochemistry analysis of paraffin-embedded Human Breast Carcinoma using HSP27 antibody. High-pressure and temperature Sodium Citrate pH 6.0 was used for antigen retrieval.

Western blot analysis of Hsp27 in K562, HeLa lysates using HSP27 antibody.

### Note:

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

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