

## Hsp27 (Phospho-Ser82) Rabbit mAb

Catalog No: #14196

Package Size: #14196-1 50ul #14196-2 100ul

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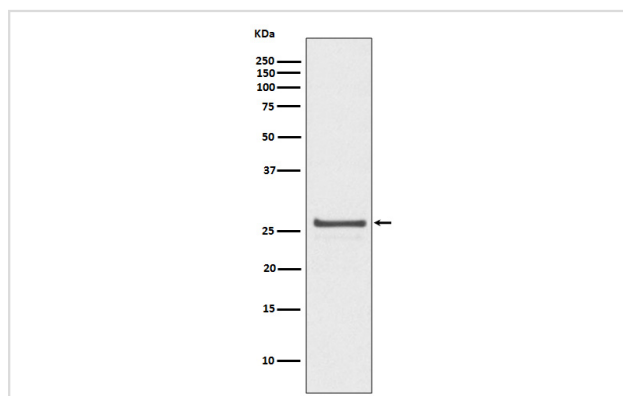
## Description

Product Name	Hsp27 (Phospho-Ser82) Rabbit mAb
Host Species	Rabbit
Clonality	Monoclonal
Isotype	Rabbit IgG
Purification	Affinity-chromatography
Applications	WB IP
Species Reactivity	Human Mouse Rat
Specificity	Phospho-Hsp27 (S82) Antibody detects endogenous levels of Phospho-Hsp27 (S82)
Immunogen Description	A synthesized peptide derived from human Phospho-Hsp27 (S82)
Other Names	28 kDa heat shock protein; Estrogen-regulated 24 kDa protein; Growth-related 25 kDa protein; Heat shock 27 kDa protein; HSP 27; HSP25; HSPB1; P25; SRP27; Stress-responsive protein 27;
Accession No.	Uniprot:P04792
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Calculated MW	27kDa
Formulation	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Storage	Store at +4Λ C short term. Store at -20Λ C long term. Avoid freeze / thaw cycle.

## Application Details

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

## Images



Western blot analysis of Phospho-Hsp27 (S82) expression in HeLa cell lysate treated with heat shock.

## Product Description

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.

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Note: This product is for in vitro research use only