

Anti-Hsp27 Rabbit mAb

Purified Rabbit Monoclonal Antibody

Catalog # R011415

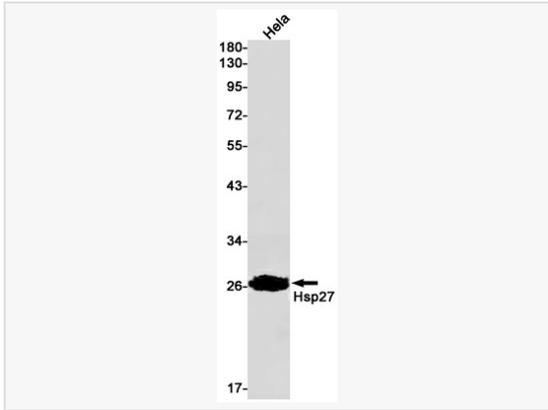
Product Information

Application	WB, IHC-P/IF (Tissue-P), ELISA
Reactivity	Human
Dilution	WB 1:500~1:1,000; IHC-P 1:50~1:100
Host	Rabbit
Clonality	Monoclonal
Clone No.	92K84M37
Isotype	IgG
Label	Unconjugated
Immunogen	A synthetic peptide of human Hsp27
Format	Buffer System: 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% BSA Purification: Affinity Purified.
Storage	Shipped on wet ice. Store at -20°C. Stable for 24 months from date of receipt. Aliquoting is unnecessary for -20°C storage.
Precautions	Anti-Hsp27 antibody [92K84M37] is for research use only and not for use in diagnostic or therapeutic procedures.

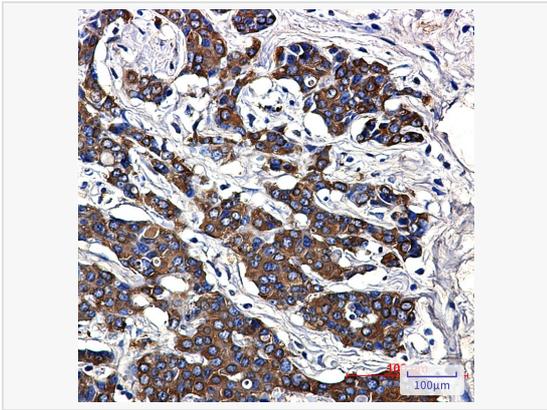
Protein Information

Synonyms	HSPB1, HSP27, HSP28, Heat shock protein beta-1, HspB1, 28 kDa heat shock protein, Estrogen-regulated 24 kDa protein, Heat shock 27 kDa protein, HSP 27, Stress-responsive protein 27, SRP27.
Calculated MW	Calculated MW: 23 kDa; Observed MW: 27 kDa
Uniprot ID	P04792
Gene ID	3315
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.

Validation Images



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



Immunohistochemistry analysis of paraffin-embedded Human breast cancer using Hsp27 antibody. High-pressure and temperature Sodium Citrate pH 6.0 was used for antigen retrieval.