

Anti-Hsp27 Rabbit pAb

Purified Rabbit Polyclonal Antibody

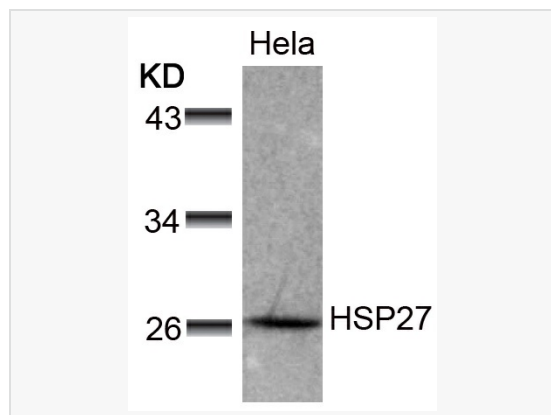
Catalog # P010105

Product Information

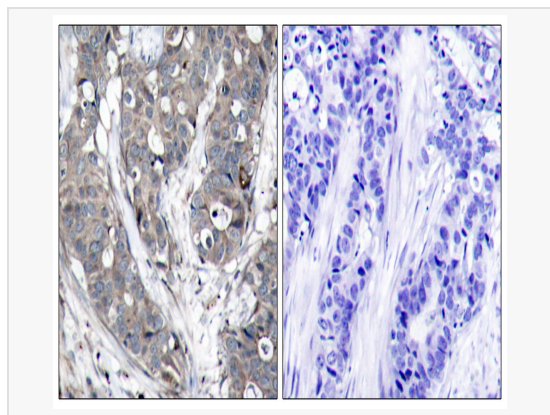
Application	WB, IHC-P/IF (Tissue-P), ELISA
Reactivity	Human
Dilution	WB 1:500~1:1,000; IHC-P 1:50~1:100
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Label	Unconjugated
Immunogen	Peptide sequence around derived from Human HSP27.
Format	Buffer System: Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide, pH 7.3. Purification: Affinity Chromatography
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 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.



Western blot analysis of Hsp27 in HeLa lysates using HSP27 (Ab78) antibody.



Immunohistochemistry analysis of paraffin-embedded Human breast carcinoma tissue using HSP27 (Ab78) antibody(left) or the same antibody. High-pressure and temperature Sodium Citrate pH 6.0 was used for antigen retrieval. Sample with blocking peptide on the right.