

## HSP27(Ab-78) Antibody

Catalog No: #21239

Package Size: #21239-1 50ul #21239-2 100ul #21239-4 25ul

Orders: [order@signalwayantibody.com](mailto:order@signalwayantibody.com)Support: [tech@signalwayantibody.com](mailto:tech@signalwayantibody.com)

## Description

Product Name	HSP27(Ab-78) Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Antibodies were produced by immunizing rabbits with synthetic peptide and KLH conjugates. Antibodies were purified by affinity-chromatography using epitope-specific peptide.
Applications	WB IHC
Species Reactivity	Hu
Specificity	The antibody detects endogenous level of total HSP27 protein.
Immunogen Type	Peptide-KLH
Immunogen Description	Peptide sequence around aa.76~80 (A-L-S-R-Q) derived from Human HSP27.
Target Name	HSP27
Other Names	Heat shock 27 kDa protein; HSP 27; Stress-responsive protein 27
Accession No.	Swiss-Prot: P04792NCBI Protein: NP_001531.1
Concentration	1.0mg/ml
Formulation	Supplied at 1.0mg/mL in phosphate buffered saline (without Mg <sup>2+</sup> and Ca <sup>2+</sup> ), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Storage	Store at -20°C for long term preservation (recommended). Store at 4°C for short term use.

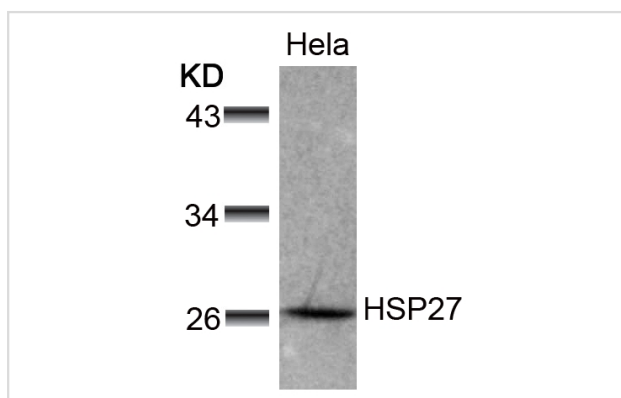
## Application Details

Predicted MW: 27kd

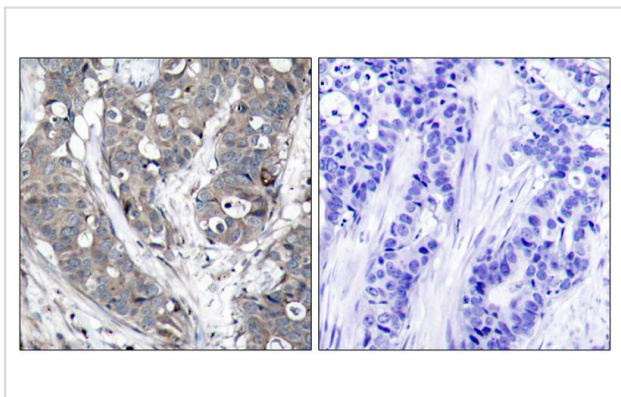
Western blotting: 1:500~1:1000

Immunohistochemistry: 1:50~1:100

## Images



Western blot analysis of extracts from HeLa cells using HSP27(Ab-78) Antibody #21239.



Immunohistochemical analysis of paraffin-embedded human breast carcinoma tissue using HSP27(Ab-78) Antibody #21239(left) or the same antibody preincubated with blocking peptide(right).

## Background

Involved in stress resistance and actin organization.

## Published Papers

Wenbo Ma, Yan Teng, Hui Hua et al., Upregulation of heat shock protein 27 confers resistance to actinomycin D-induced apoptosis in cancer cells., FEBS Journal., 280(18):4612-4624(2013)

[PMID:23848600](#)

Note: This product is for in vitro research use only and is not intended for use in humans or animals.