HSP27(Phospho-Ser82) Antibody

Catalog No: #11248

Package Size: #11248-1 50ul #11248-2 100ul

Orders: order@signalwayantibody.com
Support: tech@signalwayantibody.com

Description

Product Name	HSP27(Phospho-Ser82) Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Antibodies were produced by immunizing rabbits with synthetic phosphopeptide and KLH conjugates. Antibodies were purified by affinity-chromatography using epitope-specific phosphopeptide. Non-phospho specific antibodies were removed by chromatogramphy using non-phosphopeptide.
Applications	WB IHC
Species Reactivity	Hu
Specificity	The antibody detects endogenous level of HSP27 only when phosphorylated at serine 82.
Immunogen Type	Peptide-KLH
Immunogen Description	Peptide sequence around phosphorylation site of serine 82 (Q-L-S(p)-S-G) derived from Human HSP27.
Target Name	HSP27
Modification	Phospho
Other Names	CMT2F, HMN2B, HSP27, HSP28, Hsp25
Accession No.	Swiss-Prot: P04792NCBI Protein: NP_001531.1
Uniprot	P04792
GeneID	3315;
Concentration	1.0mg/ml
Formulation	Supplied at 1.0mg/mL in phosphate buffered saline (without Mg2+ and Ca2+), 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.

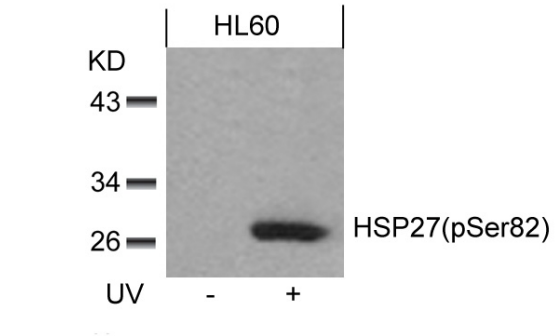
Application Details

Predicted MW: 27kd

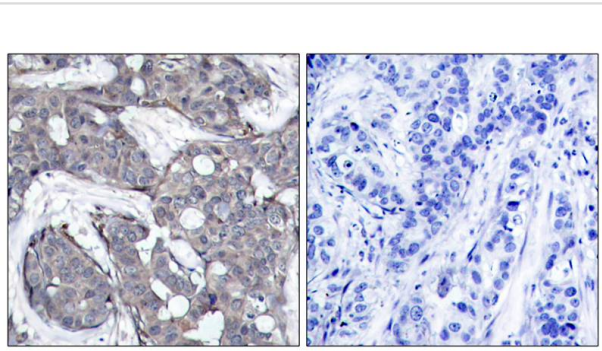
Western blotting: 1:500~1:1000

Immunohistochemistry: 1:50~1:100

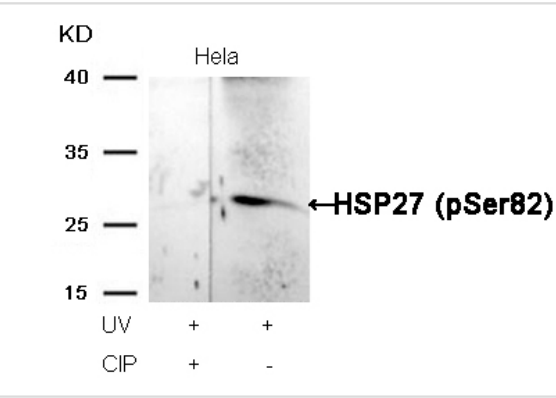
Images



Western blot analysis of extracts from HL60 cells untreated or treated with UV using HSP27(Phospho-Ser82) Antibody #11248.



Immunohistochemical analysis of paraffin-embedded human breast carcinoma tissue using HSP27(Phospho-Ser82) Antibody #11248(left) or the same antibody preincubated with blocking peptide(right).



Western blot analysis of extracts from Hela cells, treated with UV or calf intestinal phosphatase (CIP), using HSP27 (Phospho-Ser82) Antibody #11248.

Background

Involved in stress resistance and actin organization.

Note: This product is for in vitro research use only