

## HSP27(Phospho-Ser82) Antibody

Catalog No: #11248

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

## 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.<br>Antibodies were purified by affinity-chromatography using epitope-specific phosphopeptide. Non-phospho specific antibodies were removed by chromatography 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.                                                                                                                                                                                      |
| Conjugates            | Unconjugated                                                                                                                                                                                                                                                                            |
| Target Name           | HSP27                                                                                                                                                                                                                                                                                   |
| Modification          | Phospho                                                                                                                                                                                                                                                                                 |
| Other Names           | CMT2F, HMN2B, HSP27, HSP28, Hsp25                                                                                                                                                                                                                                                       |
| 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.                                                                                                                                                                                               |

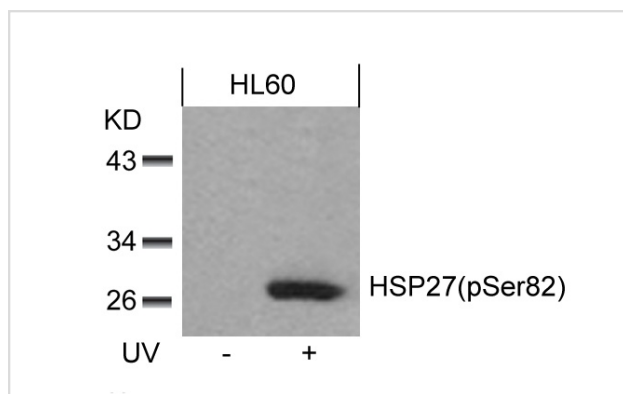
## Application Details

Predicted MW: 27kd

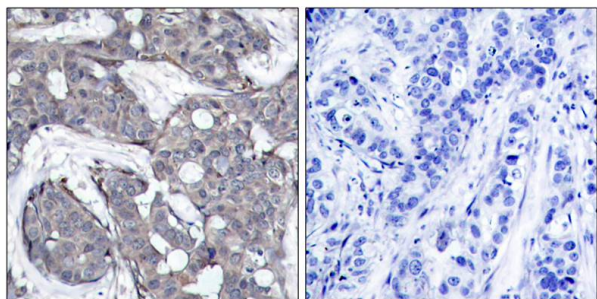
Western blotting: 1:500~1:1000

Immunohistochemistry: 1:50~1:100

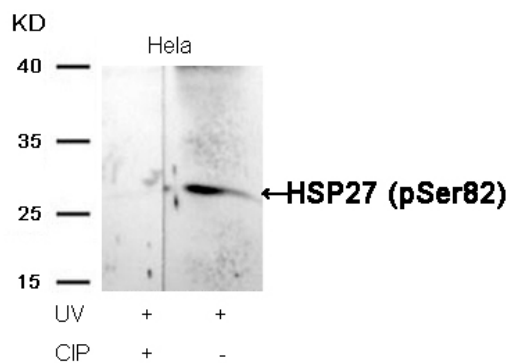
## Images



Western blot analysis of extracts from 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 and is not intended for use in humans or animals.