**Product Datasheet**

**HSP27(Phospho-Ser82) Antibody**

Catalog No: #11248

**Package Size:**
- #11248-1 50ul
- #11248-2 100ul
- #11248-4 25ul

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### Description

**Product Name:** HSP27(Phospho-Ser82) Antibody

**Host Species:** Rabbit

**Clonality:** Polyclonal

**Purification:**
- Antibodies were produced by immunizing rabbits with synthetic phosphopptide and KLH conjugates.
- 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.

**Target Name:** HSP27

**Modification:** Phospho-Ser82

**Other Names:** CMT2F, HMN2B, HSP27, HSP28, Hsp25

**Accession No.:**
- Swiss-Prot: P04792
- NCBI Protein: NP_001531.1

**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.

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### Application Details

**Predicted MW:** 27kd

**Western blotting:** 1:500~1:1000

**Immunohistochemistry:** 1:50~1:100

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### 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.