

9853 Pacific Heights Blvd. Suite D. San Diego, CA 92121, USA Tel: 858-263-4982

Email: info@abeomics.com

## 35-1230: Polyclonal Antibody to HSP27 (Phospho-Ser82)

Clonality: Polyclonal Application: WB,IHC Reactivity: Human HSPB1 Gene: Gene ID: 3315 **Uniprot ID:** P04792 Format: Purified

**Alternative Name:** CMT2F,HMN2B,HSP27,HSP28,Hsp25

Isotype: Rabbit IgG

Peptide sequence around phosphorylation site of serine 82 (Q-L-S(p)-S-G) derived from Human Immunogen Information:

HSP27.

## **Description**

Involved in stress resistance and actin organization.

## **Product Info**

Amount:  $50 \mu l / 100 \mu l$ 

Supplied at 1.0mg/mL in phosphate buffered saline (without Mg2+ and Ca2+), pH 7.4, 150mM Content:

NaCl, 0.02% sodium azide and 50% glycerol.

Store the antibody at 4°C, stable for 6 months. For long-term storage, store at -20°C. Avoid Storage condition:

repeated freeze and thaw cycles.

## **Application Note**

Predicted MW: 27kd, Western blotting: 1:500~1:1000, Immunohistochemistry: 1:50~1:100

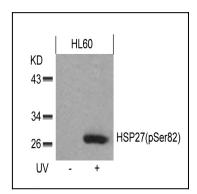


Figure 1: Western blot analysis of extracts from HL60 cells untreated or treated with UV using HSP27(Phospho-Ser82) Antibody 35-1230.



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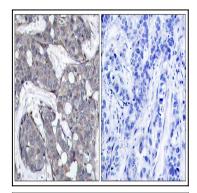


Figure 2: Immunohistochemical analysis of paraffin-embedded human breast carcinoma tissue using HSP27(Phospho-Ser82) Antibody 35-1230 (left) or the same antibody preincubated with blocking peptide(right).

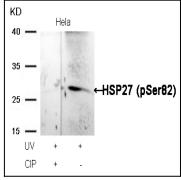


Figure 3: Western blot analysis of extracts from Hela cells, treated with UV or calf intestinal phosphatase (CIP), using HSP27 (Phospho-Ser82) Antibody 35-1230 .