

35-1229: Polyclonal Antibody to HSP27 (Phospho-Ser78)

Clonality :	Polyclonal
Application :	WB,IHC,IF
Reactivity :	Human
Gene :	HSPB1
Gene ID :	3315
Uniprot ID :	P04792
Format :	Purified
Alternative Name :	28 kDa heat shock protein, Estrogen-regulated 24 kDa protein, Growth-related 25 kDa protein, HSP 27, HSP25
Isotype :	Rabbit IgG
Immunogen Information :	Peptide sequence around phosphorylation site of serine 78 (A-L-S(p)-R-Q) derived from Human HSP27.

Description

Involved in stress resistance and actin organization.

Product Info

Amount :	50 µl / 100 µl
Content :	Supplied at 1.0mg/mL in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Storage condition :	Store the antibody at 4°C, stable for 6 months. For long-term storage, store at -20°C. Avoid repeated freeze and thaw cycles.

Application Note

Predicted MW: 27kd, Western blotting: 1:500~1:1000, Immunohistochemistry: 1:50~1:100, Immunofluorescence: 1:100~1:200

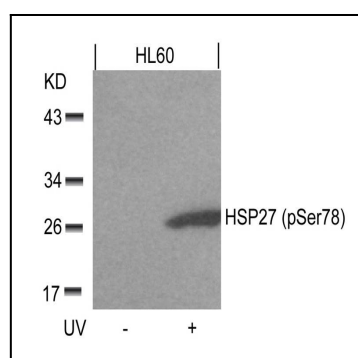


Figure 1: Western blot analysis of extracts from HL60 cells untreated or treated with UV using HSP27(Phospho-Ser78) Antibody 35-1229 .

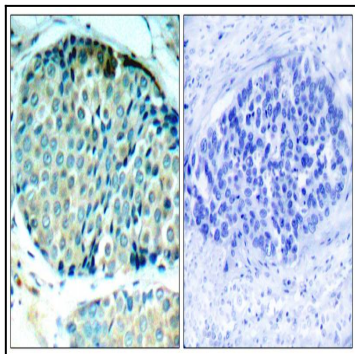


Figure 2: Immunohistochemical analysis of paraffin-embedded human breast carcinoma tissue using HSP27(Phospho-Ser78) Antibody 35-1229 (left) or the same antibody preincubated with blocking peptide(right).

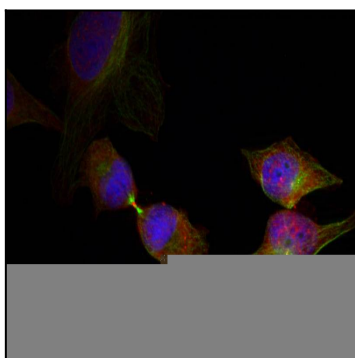


Figure 3: Immunofluorescence staining of methanol-fixed HeLa cells showing cytoplasmic, nuclear, centrosomal, midbody staining using HSP27(Phospho-Ser78) Antibody 35-1229 .