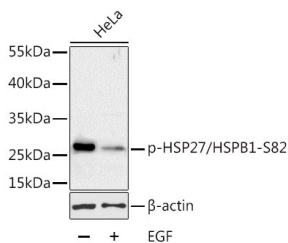


Anti-Hsp27 (phospho Ser82) Antibody (A16949)

Specifications:

Name:	Anti-Hsp27 (phospho Ser82) Antibody
Description:	Rabbit polyclonal antibody to Hsp27 (phospho Ser82).
Applications:	WB, IHC, IP
Recommended Dilutions:	WB: 1:500-1:2,000, IHC: 1:50-1:200, IP: 1:50-1:100
Reactivity:	Human
Immunogen:	A synthetic phosphorylated peptide around S82 of human HSP27/HSPB1 (NP_001531.1).
Sequence:	QLSSG
Host:	Rabbit
Clonality:	Polyclonal
Isotype:	IgG
Conjugate:	Unconjugated
Purification:	Affinity purification.
Molecular Weight:	28 kDa
Product Form:	Liquid
Formulation:	Supplied in Phosphate Buffered Saline, pH 7.3, with 50% Glycerol and 0.01% Thiomersal.
Storage:	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.
Disclaimer:	This product is for research use only. It is not intended for diagnostic or therapeutic use.

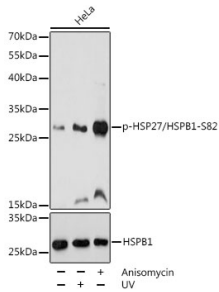
Images:



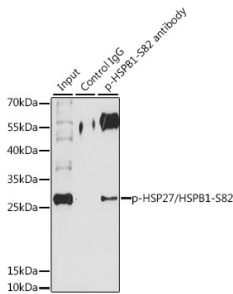
Western blot analysis of extracts of HeLa cells, using Anti-Hsp27 (phospho Ser82) Antibody (A16949) at 1:1,000 dilution. HeLa cells were treated by EGF (100ng/ml) for 30 minutes after serum-starvation overnight. The secondary antibody was Goat Anti-Rabbit IgG H&L Antibody (HRP) at 1:10,000 dilution. Lysates/proteins were present at 25µg per lane. The blocking buffer used was 3% BSA. Detection was with a ECL Basic Kit. Exposure time: 1min.

Anti-Hsp27 (phospho Ser82) Antibody (A16949)

Images continued:



Western blot analysis of extracts of HeLa cells, using Anti-Hsp27 (phospho Ser82) Antibody (A16949) at 1:1,000 dilution or HSP27/HSPB1 antibody (A16332). HeLa cells were treated by UV at room temperature for 15-30 minutes. HeLa cells were treated by Anisomycin (25 ug/mL) at 37°C for 30 minutes after serum-starvation overnight. The secondary antibody was Goat Anti-Rabbit IgG H&L Antibody (HRP) at 1:10,000 dilution. Lysates/proteins were present at 25µg per lane. The blocking buffer used was 3% BSA. Detection was with a ECL Basic Kit. Exposure time: 10s.



Immunoprecipitation analysis of 200µg extracts of HeLa cells using 3µg of Anti-Hsp27 (phospho Ser82) Antibody (A16949). This Western blot was performed on the immunoprecipitate using Anti-Hsp27 (phospho Ser82) Antibody (A16949) at a dilution of 1:1000. HeLa cells were treated by EGF (100 ng/ml) at 37°C for 30 minutes after serum-starvation overnight.