

Product Datasheet

HSP27 [p Ser78] Antibody (JJ08-70) NBP2-67844

Unit Size: 100 ul

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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NBP2-67844

HSP27 [p Ser78] Antibody (JJ08-70)

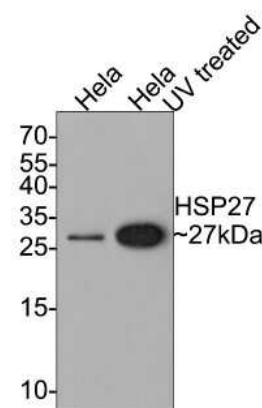
Product Information	
Unit Size	100 ul
Concentration	1 mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	JJ08-70
Preservative	0.05% Sodium Azide
Isotype	IgG
Purity	Protein A purified
Buffer	TBS (pH7.4), 0.05% BSA, 40% Glycerol

Product Description	
Host	Rabbit
Gene Symbol	HSPB1
Species	Human
Immunogen	Synthetic phospho-peptide corresponding to residues surrounding Ser78 of human HSP27. (SwissProt: P04792 Human)

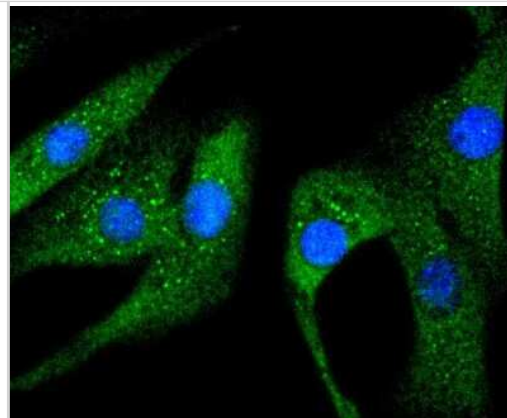
Product Application Details	
Applications	Western Blot, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin, Immunoprecipitation
Recommended Dilutions	Western Blot 1:1000-1:2000, Immunohistochemistry, Immunocytochemistry/ Immunofluorescence 1:50-1:200, Immunoprecipitation, Immunohistochemistry-Paraffin 1:50-1:400

Images

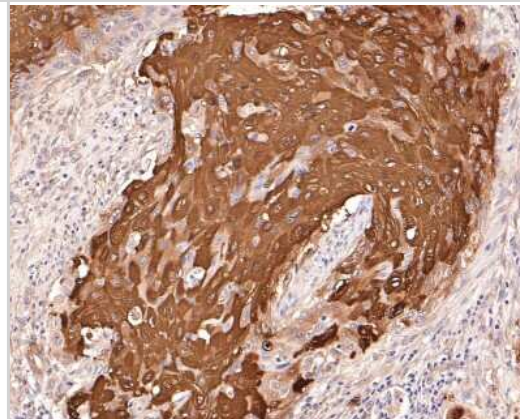
Western Blot: HSP27 [p Ser78] Antibody (JJ08-70) [NBP2-67844] - Analysis of HSP27 [p Ser78] on different lysates with Rabbit anti-HSP27 [p Ser78] antibody at 1/500 dilution. Lane 1: HeLa cell lysate Lane 2: HeLa cell lysate treated with UV for 2 hours Lysates/proteins at 10 ug/Lane. Predicted band size: 23 kDa Observed band size: 27 kDa Exposure time: 2 minutes; 15% SDS-PAGE gel. Proteins were transferred to a PVDF membrane and blocked with 5% NFDM/TBST for 1 hour at room temperature. The primary antibody at 1/500 dilution was used in 5% NFDM/TBST at room temperature for 2 hours. Goat Anti-Rabbit IgG - HRP Secondary Antibody at 1:300,000 dilution was used for 1 hour at room temperature.



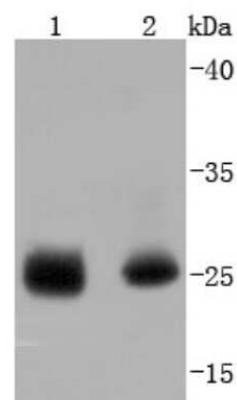
Immunocytochemistry/Immunofluorescence: HSP27 [p Ser78] Antibody (JJ08-70) [NBP2-67844] - Staining Phospho-Hsp27(S78) in NIH/3T3 cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.



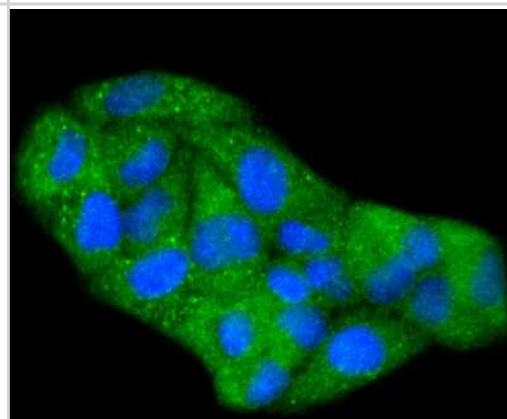
Immunohistochemistry-Paraffin: HSP27 [p Ser78] Antibody (JJ08-70) [NBP2-67844] - Analysis of paraffin-embedded human cervical carcinoma tissue with Rabbit anti-Phospho-Hsp27(S78) antibody washed with ddH₂O and PBS, and then probed with the primary antibody at 1/400 dilution for 1 hour at room temperature. The detection was performed using an HRP conjugated compact polymer system. DAB was used as the chromogen. Tissues were counterstained with hematoxylin and mounted with DPX.



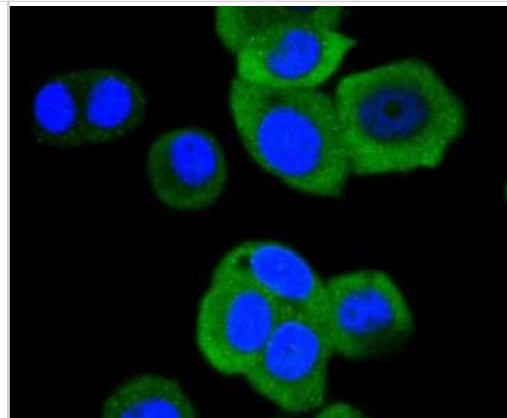
Western Blot: HSP27 [p Ser78] Antibody (JJ08-70) [NBP2-67844] - Analysis of Phospho-Hsp27(S78) on different lysates using anti-Phospho-Hsp27(S78) antibody at 1/1,000 dilution. Positive control: Lane 1: Human heart Lane 2: Human skeletal muscle



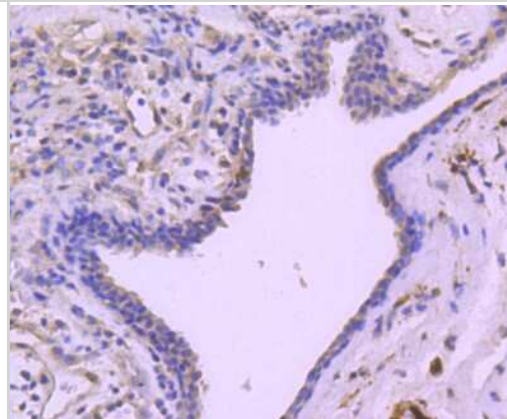
Immunocytochemistry/Immunofluorescence: HSP27 [p Ser78] Antibody (JJ08-70) [NBP2-67844] - Staining Phospho-Hsp27(S78) in HeLa cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.



Immunocytochemistry/Immunofluorescence: HSP27 [p Ser78] Antibody (JJ08-70) [NBP2-67844] - Staining Phospho-Hsp27(S78) in MCF-7 cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.



Immunohistochemistry-Paraffin: HSP27 [p Ser78] Antibody (JJ08-70) [NBP2-67844] - Analysis of paraffin-embedded human breast carcinoma tissue using anti-Phospho-Hsp27(S78) antibody. Counter stained with hematoxylin.





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Limitations

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