

# Product Datasheet

## HSP27 Antibody NBP2-16891

Unit Size: 0.1 ml

Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.

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**NBP2-16891**

HSP27 Antibody

**Product Information**

<b>Unit Size</b>	0.1 ml
<b>Concentration</b>	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
<b>Storage</b>	Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.
<b>Clonality</b>	Polyclonal
<b>Preservative</b>	0.01% Thimerosal
<b>Isotype</b>	IgG
<b>Purity</b>	Immunogen affinity purified
<b>Buffer</b>	PBS (pH 7), 20% Glycerol, 1% BSA
<b>Target Molecular Weight</b>	23 kDa

**Product Description**

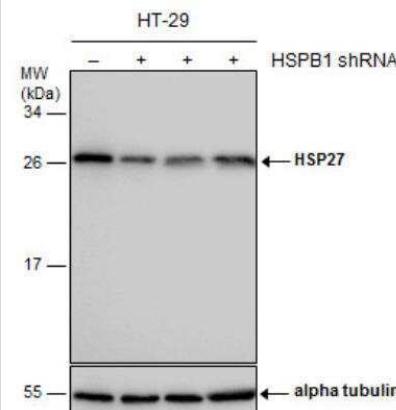
<b>Host</b>	Rabbit
<b>Gene ID</b>	3315
<b>Gene Symbol</b>	HSPB1
<b>Species</b>	Human
<b>Reactivity Notes</b>	Immunogen displays the following percentage of sequence identity for non-tested species: Rhesus Monkey (100%).
<b>Immunogen</b>	Recombinant protein encompassing a sequence within the center region of human HSP27. The exact sequence is proprietary.

**Product Application Details**

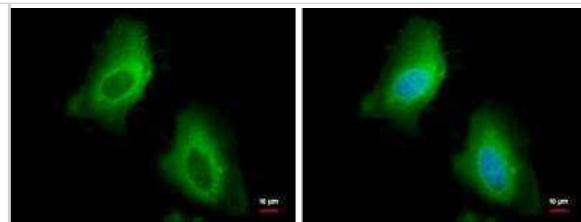
<b>Applications</b>	Western Blot, Immunocytochemistry/Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin, Immunoprecipitation
<b>Recommended Dilutions</b>	Western Blot 1:500-1:20000, Immunohistochemistry 10 - 1:500, Immunocytochemistry/Immunofluorescence 1:100-1:1000, Immunoprecipitation 1:500-1:1000, Immunohistochemistry-Paraffin 1:100-1:1000

**Images**

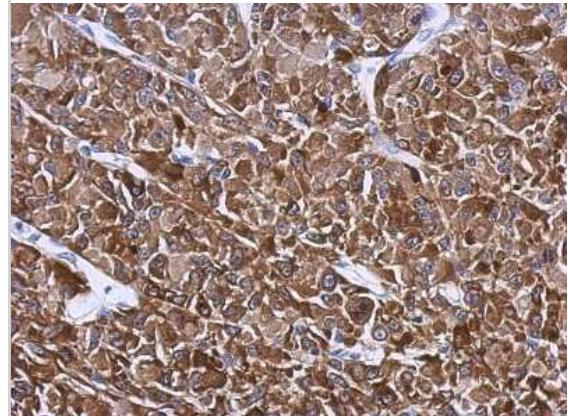
Western Blot: HSP27 Antibody [NBP2-16891] - Non-transfected (-) and transfected (+) HT-29 whole cell extracts (30 ug) were separated by 12% SDS-PAGE, and the membrane was blotted with HSP27 antibody.



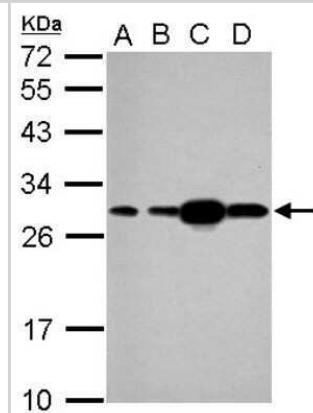
Immunocytochemistry/Immunofluorescence: HSP27 Antibody [NBP2-16891] - HSP27 antibody detects HSP27 protein at cytoplasm by immunofluorescent analysis. Sample: HeLa cells were fixed in 4% paraformaldehyde at RT for 15 min. Green: HSP27 protein stained by HSP27 antibody diluted at 1:500. Blue: Hoechst 33342 staining.



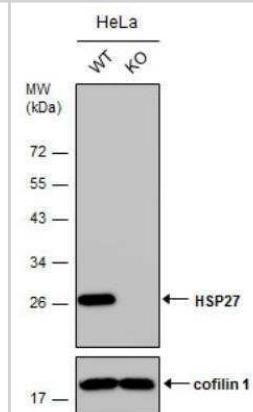
Immunohistochemistry-Paraffin: Hsp27 Antibody [NBP2-16891] - Immunohistochemical analysis of paraffin-embedded U87 xenograft, using antibody at 1:500 dilution.



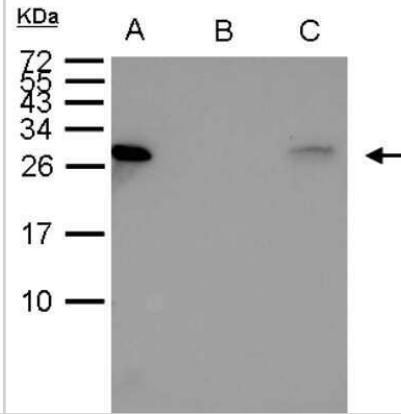
Western Blot: Hsp27 Antibody [NBP2-16891] - Sample (30 ug of whole cell lysate) A: 293T B: A431 C: HeLa D: HepG2 12% SDS PAGE gel, diluted at 1:1000.



Western Blot: HSP27 Antibody [NBP2-16891] - Wild-type (WT) and HSP27 knockout (KO) HeLa cell extracts (30 ug) were separated by 12% SDS-PAGE, and the membrane was blotted with HSP27 antibody. The HRP-conjugated anti-rabbit IgG antibody was used to detect the primary antibody.



Immunoprecipitation: Hsp27 Antibody [NBP2-16891] - Sample: 1000 ug HeLa whole cell lysate/extract A. 40 ug HeLa whole cell lysate/extract B. Control with 2. 5 ug of preimmune rabbit IgG C. Immunoprecipitation of HSP27 protein by 2. 5 ug of HSP27 15% SDS-PAGE The immunoprecipitated HSP27 protein was detected by HSP27 antibody diluted at 1:1000. anti-rabbit IgG was used as a secondary reagent.





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## Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis.

Primary Antibodies are guaranteed for 1 year from date of receipt.

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