

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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Updated 7/17/2023 v.20.1

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NBP2-16891**HSP27 Antibody**

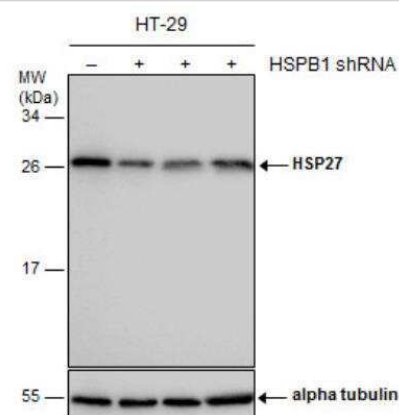
| Product Information | |
|-------------------------|--|
| Unit Size | 0.1 ml |
| Concentration | Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services. |
| Storage | Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles. |
| Clonality |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

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

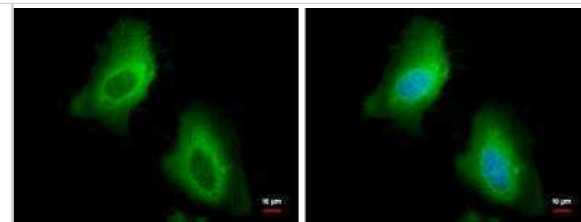
| Product Application Details | |
|-----------------------------|--|
| Applications | Western Blot, Immunocytochemistry/Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin, Immunoprecipitation |
| Recommended Dilutions | Western Blot 1:500-1:20000, Immunohistochemistry 10 - 1:500, Immunocytochemistry/Immunofluorescence 1:100-1:1000, Immunoprecipitation 1:500-1:1000, Immunohistochemistry-Paraffin 1:100-1:1000 |

Images

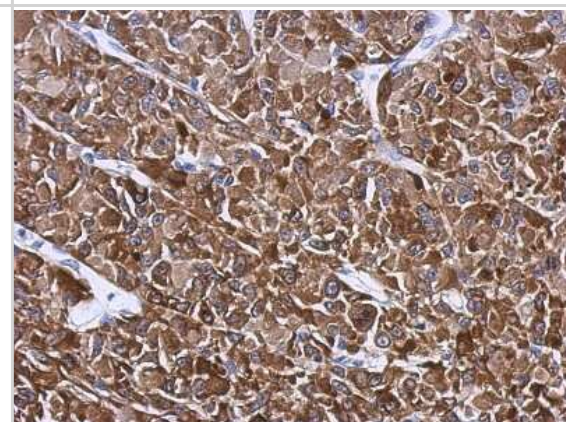
Western Blot: HSP27 Antibody [NBP2-16891] - Non-transfected (-) and transfected (+) HT-29 whole cell extracts (30 ug) were separated by 12% SDS-PAGE, and the membrane was blotted with HSP27 antibody.



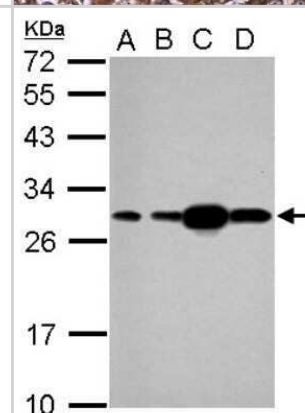
Immunocytochemistry/Immunofluorescence: HSP27 Antibody [NBP2-16891] - HSP27 antibody detects HSP27 protein at cytoplasm by immunofluorescent analysis. Sample: HeLa cells were fixed in 4% paraformaldehyde at RT for 15 min. Green: HSP27 protein stained by HSP27 antibody diluted at 1:500. Blue: Hoechst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



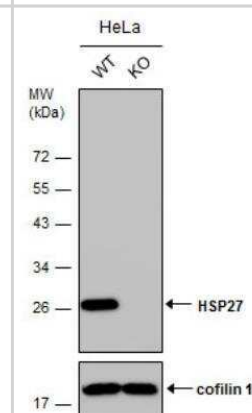
Immunohistochemistry-Paraffin: Hsp27 Antibody [NBP2-16891] - Immunohistochemical analysis of paraffin-embedded U87 xenograft, using antibody at 1:500 dilution.



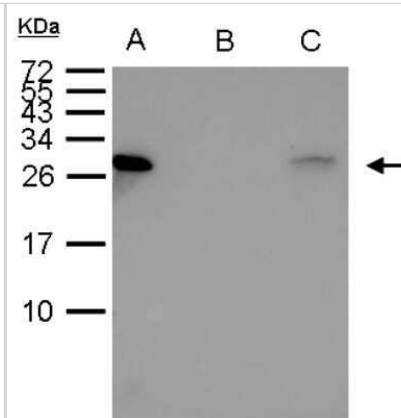
Western Blot: Hsp27 Antibody [NBP2-16891] - Sample (30 ug of whole cell lysate) A: 293T B: A431 C: HeLa D: HepG2 12% SDS PAGE gel, diluted at 1:1000.



Western Blot: HSP27 Antibody [NBP2-16891] - Wild-type (WT) and HSP27 knownout (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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