

# Product Datasheet

## HSP90 Antibody (4F10) - BSA Free NBP1-04301

Unit Size: 0.1 ml

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

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**NBP1-04301**

HSP90 Antibody (4F10) - BSA Free

Product Information	
Unit Size	0.1 ml
Concentration	1.0 mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	4F10
Preservative	0.02% Sodium Azide
Isotype	IgG2b Kappa
Purity	Protein G purified
Buffer	PBS (pH 7.4), 10% Glycerol
Target Molecular Weight	90 kDa

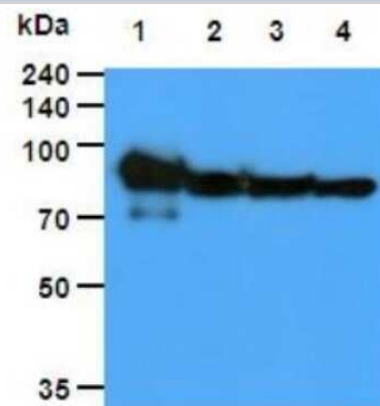
Product Description	
Host	Mouse
Gene ID	3320
Gene Symbol	HSP90AA1
Species	Human
Immunogen	Recombinant human Hsp90 (1-732aa) purified from E. coli (NP_005339).

Product Application Details	
Applications	Western Blot, ELISA, Flow Cytometry, Immunocytochemistry/Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin
Recommended Dilutions	Western Blot 1:500-1:2000, Flow Cytometry, ELISA 1:100-1:2000, Immunohistochemistry 1:100-1:200, Immunocytochemistry/Immunofluorescence, Immunohistochemistry-Paraffin 1:100-1:200

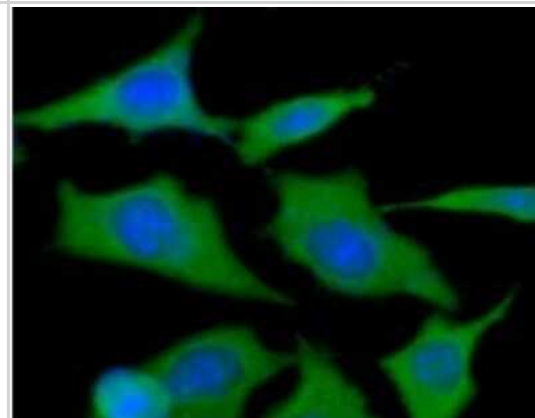


## Images

Western Blot: HSP90 Antibody (4F10) - BSA Free [NBP1-04301] - The Recombinant Human HSP90 (50ng) and Cell lysates (40ug) were resolved by SDS-PAGE, transferred to PVDF membrane and probed with anti-human HSP90 antibody (1:1000). Proteins were visualized using a goat anti-mouse secondary antibody conjugated to HRP and an ECL detection system. Lane 1. : Hsp90 recombinant protein Lane 2. : 293T cell lysate Lane 3. : HeLa cell lysate Lane 4. : HepG2 cell lysate



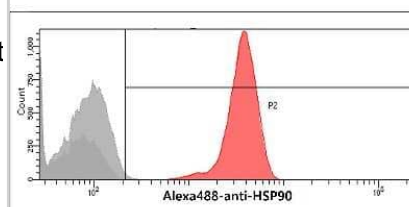
Immunocytochemistry/Immunofluorescence: HSP90 Antibody (4F10) - BSA Free [NBP1-04301] - ICC/IF analysis of HSP90 in HeLa cells line, stained with DAPI (Blue) for nucleus staining and monoclonal anti-human HSP90 antibody (1:100) with goat anti-mouse IgG-Alexa fluor 488 conjugate (Green).



Immunohistochemistry-Paraffin: HSP90 Antibody (4F10) - BSA Free [NBP1-04301] - human Hsp90 (1:100) for 2 hours at room temperature. Antigen retrieval was performed in 0.1M sodium citrate buffer and detected using Diaminobenzidine (DAB)



Flow Cytometry: HSP90 Antibody (4F10) - BSA Free [NBP1-04301] - Flow cytometry analysis of HSP90 in HepG2 cells. The cell was stained with NBP1-04301 at 2-5ug for  $1 \times 10^6$  cells (red). A Goat anti mouse IgG (Alexa fluor 488) was used as the secondary antibody. Mouse monoclonal IgG was used as the isotype control (dark gray), cells without incubation with primary and secondary antibody was used as the negative control (light gray).





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### Products Related to NBP1-04301

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HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-43317-0.5mg	Mouse IgG2b Kappa Light Chain Isotype Control (MG2b)
NBC1-18362	Recombinant Human HSP90 His Protein

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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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