

Product Datasheet

HSP90 Antibody (4B5) - BSA Free

NBP3-15145

Unit Size: 100 ul

Store at -20 to -70C. Avoid freeze-thaw cycles.

www.novusbio.com



technical@novusbio.com

Protocols, Publications, Related Products, Reviews, Research Tools and Images at:
www.novusbio.com/NBP3-15145

Updated 7/30/2025 v.20.1

Earn rewards for product
reviews and publications.

Submit a publication at www.novusbio.com/publications

Submit a review at www.novusbio.com/reviews/destination/NBP3-15145



NBP3-15145

HSP90 Antibody (4B5) - BSA Free

Product Information

Unit Size	100 ul
Concentration	Please see the vial label for concentration. If unlisted please contact technical services.
Storage	Store at -20 to -70C. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	4B5
Preservative	0.02% Sodium Azide
Isotype	IgG
Purity	Affinity purified
Buffer	PBS, pH 7.4, 150mM NaCl, and 50% glycerol

Product Description

Host	Rabbit
Gene ID	3320
Gene Symbol	HSP90AA1
Species	Human, Rat
Immunogen	A synthesized peptide derived from human HSP90. UniProt ID (P07900).

Product Application Details

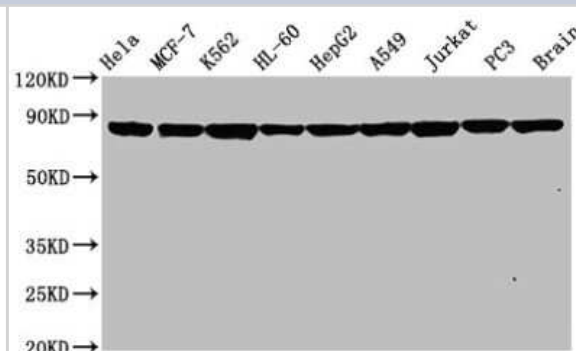
Applications	Western Blot, ELISA, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunoprecipitation
Recommended Dilutions	Western Blot 1:500-1:5000, ELISA, Immunohistochemistry 1:50-1:200, Immunocytochemistry/ Immunofluorescence, Immunoprecipitation

Images

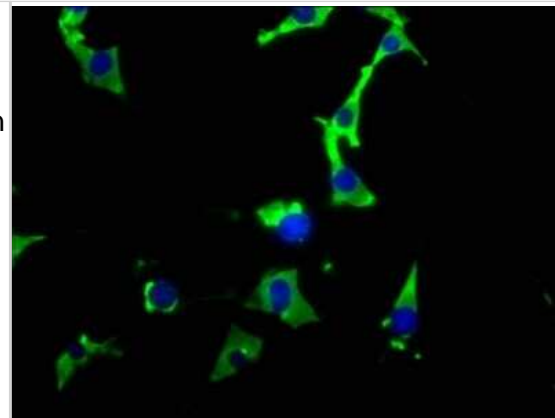
Western Blot: HSP90 Antibody (4B5) [NBP3-15145] - Positive WB detected in: HeLa whole cell lysate, MCF-7 whole cell lysate, K562 whole cell lysate, HL-60 whole cell lysate, HepG2 whole cell lysate, A549 whole cell lysate, Jurkat whole cell lysate, PC3 whole cell lysate, Rat brain tissue

All lanes: HSP90 antibody at 0.8ug/ml. Secondary: Goat polyclonal to rabbit IgG at 1/50000 dilution. Predicted band size: 85, 99 KDa.

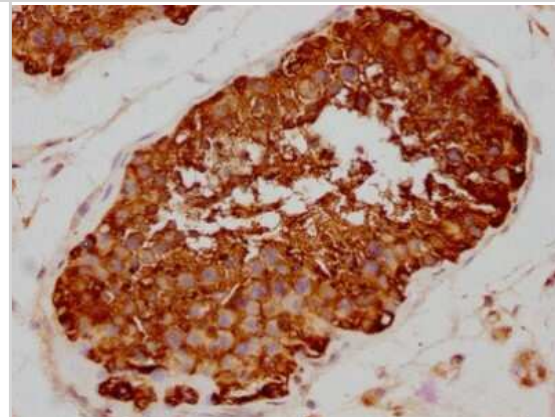
Observed band size: 85 KDa.



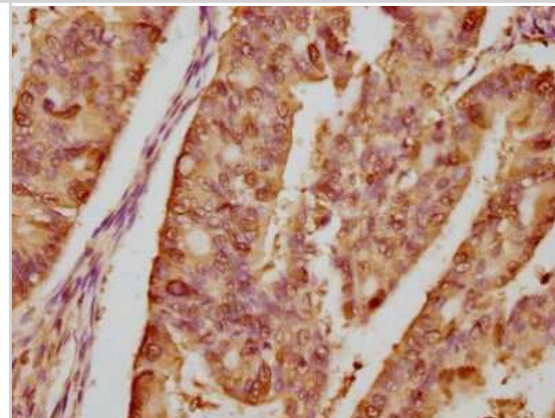
Immunocytochemistry/Immunofluorescence: HSP90 Antibody (4B5) [NBP3-15145] - Immunofluorescence staining of NIH/3T3 cells with at HSP90 antibody 1:26, counter-stained with DAPI. The cells were fixed in 4% formaldehyde, permeabilized using 0.2% Triton X-100 and blocked in 10% normal Goat Serum. The cells were then incubated with the antibody overnight at 4C. The secondary antibody was Alexa Fluor 488-conjugated Goat Anti-Rabbit IgG (H+L).



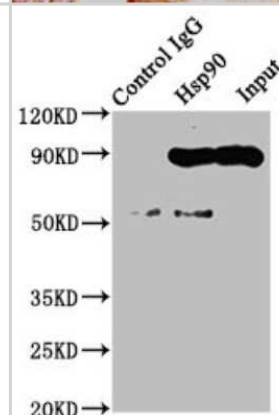
Immunohistochemistry: HSP90 Antibody (4B5) [NBP3-15145] - IHC image of HSP90 antibody diluted at 1:80 and staining in paraffin-embedded human testis tissue. After dewaxing and hydration, antigen retrieval was mediated by high pressure in a citrate buffer (pH 6.0). Section was blocked with 10% normal goat serum 30 minutes at RT. Then primary antibody (1% BSA) was incubated at 4C overnight. The primary is detected by a biotinylated secondary antibody and visualized using an HRP conjugated SP system.



Immunohistochemistry: HSP90 Antibody (4B5) [NBP3-15145] - IHC image of HSP90 antibody diluted at 1:80 and staining in paraffin-embedded human endometrial cancer. After dewaxing and hydration, antigen retrieval was mediated by high pressure in a citrate buffer (pH 6.0). Section was blocked with 10% normal goat serum 30 minutes at RT. Then primary antibody (1% BSA) was incubated at 4C overnight. The primary is detected by a biotinylated secondary antibody and visualized using an HRP conjugated SP system.



Immunoprecipitation: HSP90 Antibody (4B5) [NBP3-15145] - Immunoprecipitating HSP90 in Hela whole cell lysate. Lane 1: Rabbit control IgG instead of HSP90 antibody in Hela whole cell lysate. For western blotting, a HRP-conjugated Protein G antibody was used as the secondary antibody (1/2000). Lane 2: HSP90 antibody (3ug) + Hela whole cell lysate (500ug). Lane 3: Hela whole cell lysate (20ug).





Novus Biologicals USA

10730 E. Briarwood Avenue
Centennial, CO 80112
USA
Phone: 303.730.1950
Toll Free: 1.888.506.6887
Fax: 303.730.1966
nb-customerservice@bio-techne.com

Bio-Techne Canada

21 Canmotor Ave
Toronto, ON M8Z 4E6
Canada
Phone: 905.827.6400
Toll Free: 855.668.8722
Fax: 905.827.6402
canada.inquires@bio-techne.com

Bio-Techne Ltd

19 Barton Lane
Abingdon Science Park
Abingdon, OX14 3NB, United Kingdom
Phone: (44) (0) 1235 529449
Free Phone: 0800 37 34 15
Fax: (44) (0) 1235 533420
info.EMEA@bio-techne.com

General Contact Information

www.novusbio.com
Technical Support: nb-technical@bio-
techne.com
Orders: nb-customerservice@bio-techne.com
General: novus@novusbio.com

Products Related to NBP3-15145

HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control
NBC1-18362	Recombinant Human HSP90 His Protein

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.

For more information on our 100% guarantee, please visit www.novusbio.com/guarantee

Earn gift cards/discounts by submitting a review: www.novusbio.com/reviews/submit/NBP3-15145

Earn gift cards/discounts by submitting a publication using this product:
www.novusbio.com/publications

