

Product Datasheet

gp96/HSP90B1/GRP94 Antibody (CL2647) - Azide and BSA Free NBP3-44433

Unit Size: 100 ug

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

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NBP3-44433

gp96/HSP90B1/GRP94 Antibody (CL2647) - Azide and BSA Free

Product Information	
Unit Size	100 ug
Concentration	LYOPH mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	CL2647
Preservative	No Preservative
Reconstitution Instructions	Centrifuge the vial of lyophilized antibody at 12,000 x g for 20 seconds. Reconstitute by adding sterile, distilled water to achieve a final antibody concentration of 1mg/ml.
Isotype	IgG2b
Purity	Protein A purified
Buffer	Lyophilized from a 0.2 um filtered solution in PBS with Trehalose

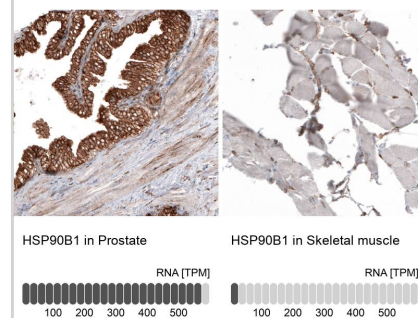
Product Description	
Description	Novus Biologicals Mouse gp96/HSP90B1/GRP94 Antibody (CL2647) - Azide and BSA Free (NBP2-42379) is a monoclonal antibody validated for use in IHC, WB and ICC/IF. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Mouse
Gene ID	7184
Gene Symbol	HSP90B1
Species	Human
Immunogen	This antibody was generated using a recombinant protein sequence of P14625, with the exact immunogen sequence remaining proprietary.

Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Immunocytochemistry/Immunofluorescence
Recommended Dilutions	Western Blot 1 ug/ml, Immunocytochemistry/ Immunofluorescence 2-10 ug/ml, Immunohistochemistry-Paraffin 1:20000 - 1:50000
Application Notes	For IHC-Paraffin, HIER pH 6 retrieval is recommended. Immunocytochemistry/Immunofluorescence/IF Fixation Permeabilization: Use PFA/Triton X-100.

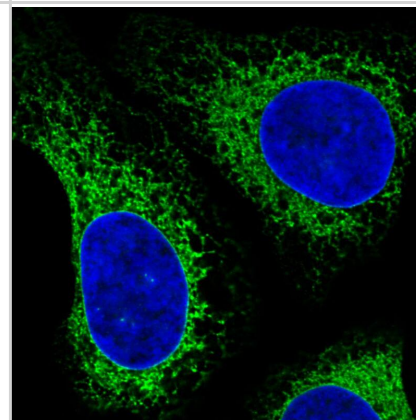


Images

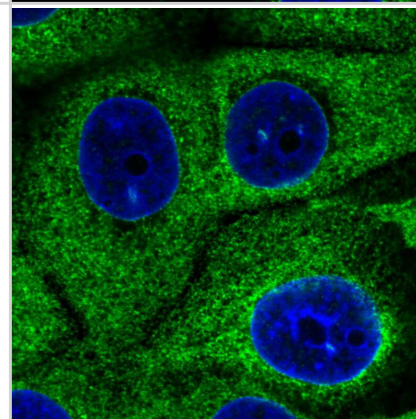
Analysis in human prostate and skeletal muscle tissues using NBP3-44433 antibody. Corresponding gp96/HSP90B1/GRP94 RNA-seq data are presented for the same tissues.



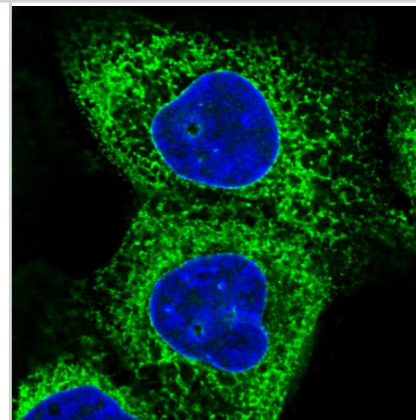
Staining in U2OS cell line with Anti-gp96/HSP90B1/GRP94 monoclonal antibody) .



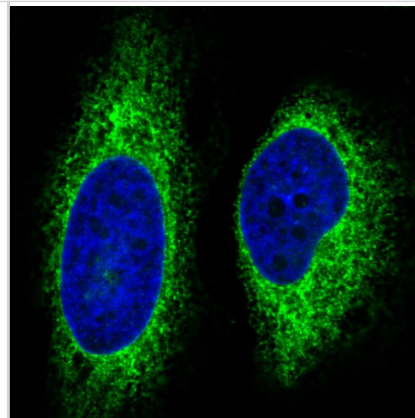
Staining in MCF7 cell line with Anti-gp96/HSP90B1/GRP94 monoclonal antibody) .



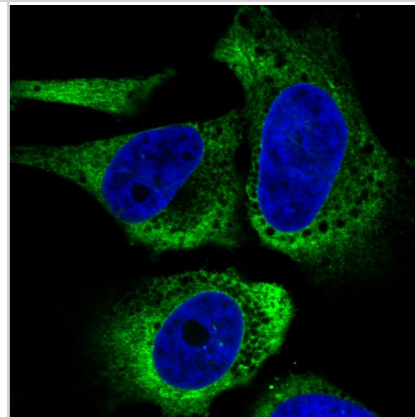
Staining in A431 cell line with Anti-gp96/HSP90B1/GRP94 monoclonal antibody) .



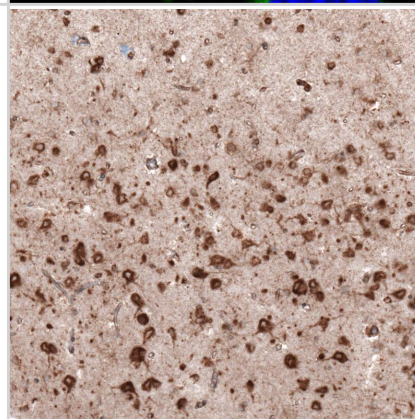
Staining in HeLa cell line with Anti-gp96/HSP90B1/GRP94 monoclonal antibody) .



Staining in U251 cell line with Anti-gp96/HSP90B1/GRP94 monoclonal antibody) .



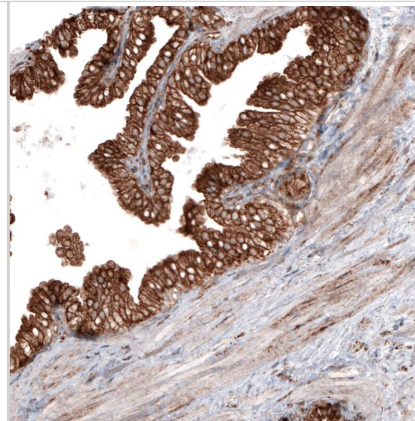
Staining of human cerebral cortex shows strong cytoplasmic positivity in neurons.



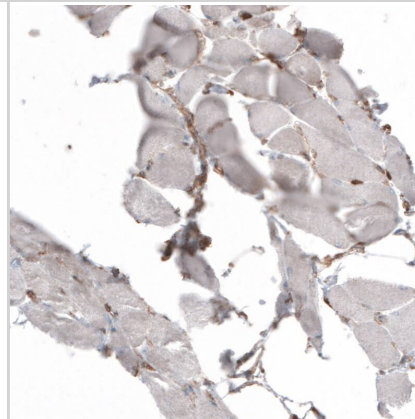
Staining of human placenta shows strong cytoplasmic positivity in trophoblastic cells.



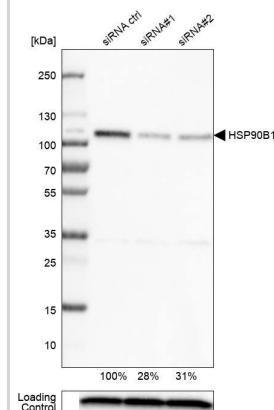
Staining of human prostate shows strong cytoplasmic positivity in glandular cells.



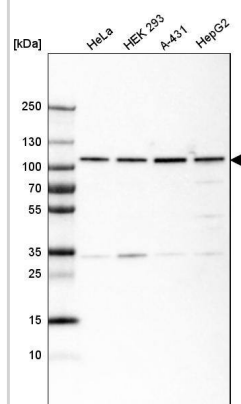
Staining of human skeletal muscle shows very weak cytoplasmic positivity in myocytes.



Analysis in U-251MG cells transfected with control siRNA, target specific siRNA probe #1 and #2, using Anti-gp96/HSP90B1/GRP94 antibody. Remaining relative intensity is presented. Loading control: Anti-PPIB.



Analysis in human cell line HeLa, human cell line HEK 293, human cell line A-431 and human cell line HepG2.





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 NBP3-44433

NBP2-33376H	Blue Marker Antibody (6F4-F6) [HRP]
HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB7539	Goat anti-Mouse IgG (H+L) Secondary Antibody [HRP]
NBP2-27231	Mouse IgG2b Isotype Control (MPC-11)

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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