

Product Datasheet

HSP70/HSPA1A Antibody (BRM-22) NB600-1165

Unit Size: 0.1 ml

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

www.novusbio.com



technical@novusbio.com

Protocols, Publications, Related Products, Reviews, Research Tools and Images at:
www.novusbio.com/NB600-1165

Updated 7/28/2024 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/NB600-1165



NB600-1165**HSP70/HSPA1A Antibody (BRM-22)**

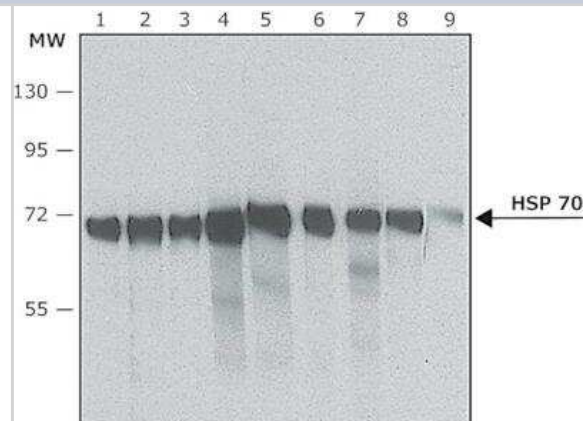
Product Information	
Unit Size	0.1 ml
Concentration	This product is unpurified. The exact concentration of antibody is not quantifiable.
Storage	Store at -20C. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	BRM-22
Preservative	0.9% Sodium Azide
Isotype	IgG1
Purity	Unpurified
Buffer	Ascites
Target Molecular Weight	70 kDa

Product Description	
Host	Mouse
Gene ID	3303
Gene Symbol	HSPA1A
Species	Human, Rat, Bovine, C. elegans, Chicken, Drosophila, Guinea Pig, Plant, Rabbit
Reactivity Notes	Cross-reacts with Human, Rat, Chicken, Cow, Drosophila melanogaster, Guinea Pig, Plants, Rabbit and Nematode. Not yet tested in other species.
Specificity/Sensitivity	By immunoblotting, the antibody localizes both the constitutive (HSP73) and inducible (HSP72) forms of Hsp70 (BRM-22). The antibody recognizes Hsp70 (BRM-22) from brain and other tissue. Immunofluorescent staining demonstrates a rapid and reversible accumulation of the Hsp70 (BRM-22) protein within the nucleus of heat-shocked (42 degrees C, 1 hour) human fibroblasts.
Immunogen	Full length native protein (purified) (Bovine brain).

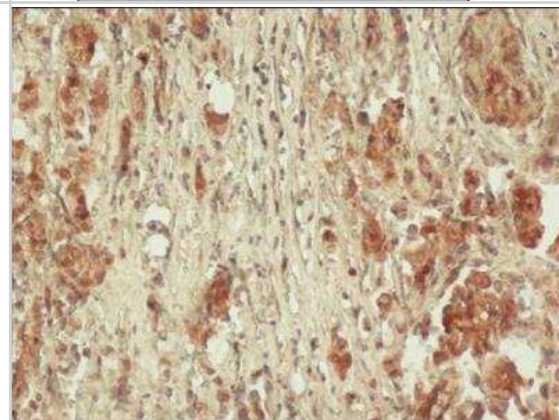
Product Application Details	
Applications	Western Blot, ELISA, Electron Microscopy, Flow Cytometry, Immunohistochemistry, Immunohistochemistry-Frozen
Recommended Dilutions	Western Blot 1:5000 - 1:10000, Flow Cytometry, ELISA Indirect, Immunohistochemistry 1:10-1:500, Immunohistochemistry-Frozen 1:10-1:500, Electron Microscopy 1:10-1:500

Images

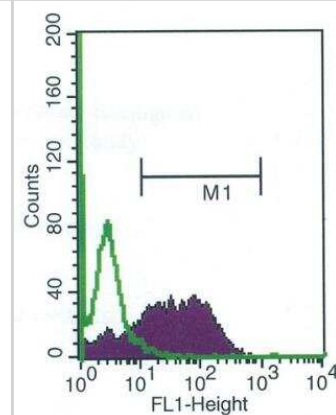
Western Blot: HSP70/HSPA1A Antibody (BRM-22) [NB600-1165] - Cell line lysates were separated on SDS-PAGE and probed with 1:5,000 Monoclonal Anti-HSP70 / HSPA1A , Clone: BRM-22 . The antibody was developed using Goat Anti-Mouse IgG-Peroxidase and a chemiluminescent substrate. Lanes: 1. A431; 2. A549; 3. NIH-3T3; 4. Hepa 1-6; 5. Mouse brain; 6. Rat brain; 7. MDBK; 8. MDCK; 9. COS-7



Immunohistochemistry: HSP70/HSPA1A Antibody (BRM-22) [NB600-1165] - Staining of formalin-fixed, paraffin-embedded human prostate sections with 1:100 Monoclonal Anti-HSP70 / HSPA1A, Clone: BRM-22 using biotin/ExtrAvidin-Peroxidase.



Flow Cytometry: HSP70/HSPA1A Antibody (BRM-22) [NB600-1165] - A549 cells were fixed and permeabilized with 2% Paraformaldehyde followed by 0.1% Triton X-100. Fixed cells were labeled with 1:100 Monoclonal Anti-HSP70 / HSPA1A , Clone: BRM-22 followed by Rabbit Anti-Mouse IgG, FITC conjugate. Green histogram: negative control without first antibody, Purple histogram: antibody specific staining.





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

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/NB600-1165

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

