

# Product Datasheet

## gp96/HSP90B1/GRP94 Antibody (9G10.F8.2) [Janelia Fluor® 525] NBP3-11511JF525

Unit Size: 0.1 ml

Store at 4C in the dark.

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**NBP3-11511JF525**

gp96/HSP90B1/GRP94 Antibody (9G10.F8.2) [Janelia Fluor® 525]

| <b>Product Information</b>         |  |
|------------------------------------|--|
| <b>Unit Size</b>                   | 0.1 ml   |
| <b>Concentration</b>               | Please see the vial label for concentration. If unlisted please contact technical services.  |
| <b>Storage</b>                     | Store at 4C in the dark.   |
| <b>Clonality</b>                   | Monoclonal   |
| <b>Clone</b>                       | 9G10.F8.2  |
| <b>Preservative</b>                | 0.05% Sodium Azide   |
| <b>Isotype</b>                     | IgG2a Kappa  |
| <b>Conjugate</b>                   | Janelia Fluor 525  |
| <b>Purity</b>                      | Protein A or G purified  |
| <b>Buffer</b>                      | 50mM Sodium Borate   |
| <b>Product Description</b>         |  |
| <b>Host</b>                        | Rat  |
| <b>Gene ID</b>                     | 7184   |
| <b>Gene Symbol</b>                 | HSP90B1  |
| <b>Species</b>                     | Human, Mouse, Rat, Porcine, Bovine, Canine, Chicken, Equine, Guinea Pig, Hamster, Monkey, Rabbit, Sheep, Xenopus   |
| <b>Marker</b>                      | Endoplasmic Reticulum Marker   |
| <b>Specificity/Sensitivity</b>     | Recognizes a protein of 94kDa, which is identified as the glucose-regulated protein 94 (grp94) and also tumor rejection antigen (gp96). Grp94 shows a high degree of sequence homology with the heat shock protein 90 (hsp90). This monoclonal antibody is highly specific to grp94 and shows minimal cross-reaction with other members of the HSP90 family. Grps are a class of proteins unresponsive to heat shock and are induced by glucose deprivation. Grp94 has been briefly studied as a prognostic factor in breast cancer. |
| <b>Immunogen</b>                   | Purified glucose regulated protein 94 (grp94) from chicken oviducts (Uniprot: P14625)  |
| <b>Notes</b>                       | Sold under license from the Howard Hughes Medical Institute, Janelia Research Campus.  |
| <b>Product Application Details</b> |  |
| <b>Applications</b>                | Western Blot, Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin   |
| <b>Recommended Dilutions</b>       | Western Blot, Flow Cytometry, Immunohistochemistry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry-Paraffin   |
| <b>Application Notes</b>           | Optimal dilution of this antibody should be experimentally determined.   |



### **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 NBP3-11511JF525**

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|                  |   |
|------------------|---|
| NBP2-24698PEP    | gp96/HSP90B1/GRP94 Antibody Blocking Peptide      |
| 210-TA-005       | TNF-alpha [Unconjugated]                          |
| NBP2-76452       | Mouse gp96/HSP90B1/GRP94 ELISA Kit (Colorimetric) |
| NBP1-40256-0.1mg | ATF6 Antibody (70B1413.1) - BSA Free              |

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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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