

# Product Datasheet

## gp96/HSP90B1/GRP94 Antibody (HSP90B1/1192) [Alexa Fluor™ Plus 680] NBP3-11548AFP680

Unit Size: 0.1 ml

Store at 4C in the dark.

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**NBP3-11548AFP680**

gp96/HSP90B1/GRP94 Antibody (HSP90B1/1192) [Alexa Fluor™ Plus 680]

| <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>                   | HSP90B1/1192   |
| <b>Preservative</b>            | 0.05% Sodium Azide   |
| <b>Isotype</b>                 | IgG2a Kappa  |
| <b>Conjugate</b>               | Alexa Fluor Plus 680   |
| <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  |
| <b>Reactivity Notes</b>        | Shows broad species reactivity.  |
| <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>               | Recombinant full-length human gp96/HSP90B1/GRP94 protein (Uniprot: P14625)   |
| <b>Notes</b>                   | This product is provided under an intellectual property license from Life Technologies Corporation. The transfer of this product is conditioned on the buyer using the purchased product solely in research conducted by the buyer, excluding contract research or any fee for service research, and the buyer must not (1) use this product or its components for (a) diagnostic, therapeutic or prophylactic purposes; (b) testing, analysis or screening services, or information in return for compensation on a per-test basis; or (c) manufacturing or quality assurance or quality control, and/or (2) sell or transfer this product or its components for resale, whether or not resold for use in research. For information on purchasing a license to this product for purposes other than as described above, contact Life Technologies Corporation, 5781 Van Allen Way, Carlsbad, CA 92008 USA or <a href="mailto:outlicensing@thermofisher.com">outlicensing@thermofisher.com</a> . This conjugate is made on demand. Actual recovery may vary from the stated volume of this product. The volume will be greater than or equal to the unit size stated on the datasheet. |



| Product Application Details |  |
|-----------------------------|--|
| Applications                | Immunohistochemistry-Paraffin, Immunohistochemistry                    |
| Recommended Dilutions       | Immunohistochemistry, Immunohistochemistry-Paraffin                    |
| Application Notes           | Optimal dilution of this antibody should be experimentally determined. |



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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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