# Product Datasheet

## gp96/HSP90B1/GRP94 Antibody [Biotin]
## NBP3-59117

Unit Size: 100 ul

Store at 4C in the dark.

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Updated 11/11/2026 v.20.1

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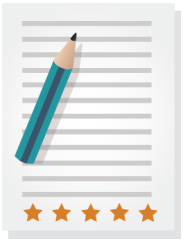

# NBP3-59117

gp96/HSP90B1/GRP94 Antibody [Biotin]

| Product Information | |
|---|---|
| **Unit Size** | 100 ul |
| **Concentration** | Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services. |
| **Storage** | Store at 4C in the dark. |
| **Clonality** | Polyclonal |
| **Preservative** | 0.02% Sodium Azide |
| **Isotype** | IgG |
| **Conjugate** | Biotin |
| **Purity** | Affinity purified |
| **Buffer** | 40% glycerol and PBS (pH 7.2). |

| Product Description | |
|---|---|
| **Description** | This conjugate is made on demand and is not held in inventory. As a result, each order represents a unique lot.<br><br>Successful site-specific biotin conjugation is confirmed by reducing SDS-PAGE, revealing a mobility shift of the antibody heavy-chain when biotin is covalently attached. Free biotin from the conjugation process has been removed. The antibody concentration is provided on the individual product label.<br><br>For specialized conjugation needs, like large quantities, and specific concentrations, bulk and custom antibody conjugation services are available. |
| **Host** | Rabbit |
| **Gene ID** | 7184 |
| **Gene Symbol** | HSP90B1 |
| **Species** | Human |
| **Reactivity Notes** | Immunogen displays the following percentage of sequence identity for non-tested species: Rat (87%). |
| **Marker** | ER Stress Marker |
| **Immunogen** | This antibody was developed against Recombinant Protein corresponding to amino acids:<br>SGNMERIMKAQAYQTGKDISTNYYASQKKTFEINPRHPLIRDMLRRIKEDEDDK<br>TVLDLAVVLFETATLRSGYLLPDTKAYGDRIERMLRLSLNIDPDAKVEEEPEEEP<br>EETAEDTTEDTEQDEDEEMDVGTDEEEETAKESTA |

| Product Application Details | |
|---|---|
| **Applications** | Western Blot, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin |
| **Recommended Dilutions** | Western Blot 0.04-0.4 ug/ml, Immunohistochemistry 1:500 - 1:1000, Immunocytochemistry/ Immunofluorescence 0.25-2 ug/ml, Immunohistochemistry-Paraffin 1:500 - 1:1000 |
| **Application Notes** | Recommended applications and dilutions are based on validated applications from the unconjugated base product NBP1-81803 |

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## Products Related to NBP3-59117

| | |
|---|---|
| NBP2-24891B | Rabbit IgG Isotype Control [Biotin] |
| NBC1-21058-100ug | Recombinant Human gp96/HSP90B1/GRP94 His Protein |
| 210-TA-005 | TNF-alpha [Unconjugated] |
| NBP2-76451 | Human gp96/HSP90B1/GRP94 ELISA Kit (Colorimetric) |

**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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