

# Product Datasheet

## Goat anti-Guinea Pig IgG (H+L) Secondary Antibody [HRP] (Pre-adsorbed) NB120-7139

Unit Size: 0.5 mg

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

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Updated 10/23/2024 v.20.1

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**NB120-7139**

Goat anti-Guinea Pig IgG (H+L) Secondary Antibody [HRP] (Pre-adsorbed)

| Product Information         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
|-----------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Unit Size                   | 0.5 mg                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Concentration               | Please see the vial label for concentration. If unlisted please contact technical services.                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Storage                     | Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Clonality                   | Polyclonal                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Preservative                | 0.01% Gentamicin Sulfate                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Isotype                     | IgG                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Conjugate                   | HRP                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Purity                      | Multi-step                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Buffer                      | 0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2, 10 mg/mL Bovine Serum Albumin (BSA) - Immunoglobulin and Protease free                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Product Description         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Description                 | <p>For extended storage aliquot contents and freeze at -20C or below. Avoid cycles of freezing and thawing. Centrifuge product if not completely clear after standing at room</p> <p>This product was prepared from monospecific antiserum by immunoaffinity chromatography using Guinea Pig IgG coupled to agarose beads followed by solid phase adsorption(s) to remove any unwanted reactivities. Assay by immunoelectrophoresis resulted in a single precipitin arc against anti-Peroxidase, anti-Goat Serum, Guinea Pig IgG and Guinea Pig Serum</p> |
| Host                        | Goat                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Species                     | Guinea Pig                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Specificity/Sensitivity     | <p>This antibody was pre-adsorbed against Bovine, Chicken, Goat, Hamster, Horse, Human, Mouse, Rabbit, Rat, and Sheep Serum Proteins.</p> <p>No reaction was observed against Bovine, Chicken, Goat, Hamster, Horse, Human, Mouse, Rabbit, Rat and Sheep Serum Proteins.</p>                                                                                                                                                                                                                                                                              |
| Immunogen                   | Goat anti-Guinea Pig IgG (H+L) Secondary Antibody [HRP] (Pre-adsorbed) was produced by repeated immunization with Guinea Pig IgG whole molecule in goat.                                                                                                                                                                                                                                                                                                                                                                                                  |
| Product Application Details |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Applications                | Western Blot, ELISA, Immunohistochemistry                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Recommended Dilutions       | Western Blot 1:1000 - 1:5000, ELISA 1:100000 - 1:200000, Immunohistochemistry 1:500 - 1:2500                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Application Notes           | <p>This product has been tested by ELISA and western blot and is suitable for immunoblotting, western blot, dot blot, ELISA, immunoperoxidase electron microscopy and immunohistochemistry as well as other peroxidase-antibody based enzymatic assays requiring lot-to-lot consistency.</p> <p>NOTE: Do NOT add Sodium Azide (it inhibits HRP irreversibly).</p>                                                                                                                                                                                         |



## Images

Western Blot: Goat anti-Guinea Pig IgG (H+L) Secondary Antibody [HRP] (Pre-adsorbed) [NB120-7139] - Western Blot of Goat anti-Guinea Pig IgG (H+L) Secondary Antibody [HRP] (Pre-adsorbed). Lane 1: Molecular Weigh Ladder. Lane 2: Guinea Pig IgG. Lane 3: Bovine Serum. Lane 4: Chicken Serum. Lane 5: Goat Serum. Lane 6: Hamster Serum. Lane 7: Equine Serum. Lane 8: Human Serum. Lane 9: Mouse Serum. Lane 10: Rabbit Serum. Lane 11: Rat Serum. Lane 12: Sheep Serum. Lane 13: MW. Loading: 50ng IgG, Serum at 1:8 dilution. Blocking Buffer: Universal blocking buffer for 30 min at RT. Secondary Antibody: Goat anti-Guinea Pig IgG (H+L) Secondary Antibody [HRP] (Pre-adsorbed) at 1:40000.



Western Blot of Goat anti-Guinea Pig IgG (H+L) Secondary Antibody [HRP] (Pre-adsorbed). Lane 1: Molecular Weigh Ladder. Lane 2: Guinea Pig IgG. Lane 3: Bovine Serum. Lane 4: Chicken Serum. Lane 5: Goat Serum. Lane 6: Hamster Serum. Lane 7: Horse Serum. Lane 8: Human Serum. Lane 9: Mouse Serum. Lane 10: Rabbit Serum. Lane 11: Rat Serum. Lane 12: Sheep Serum. Lane 13: MW. Loading: 50ng IgG, Serum at 1:8 dilution. Blocking Buffer: BlockOut for 30 min at RT. Secondary Antibody: Gt-a-GP IgG HRP at 1:40,000.





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### **Limitations**

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Secondary Antibodies are guaranteed for 1 year from date of receipt.

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