

# Product Datasheet

## Goat anti-Rabbit IgG Fc Secondary Antibody [HRP] NBP1-75346

Unit Size: 1 mg

Store lyophilized antibody at 4C. Mix reconstituted liquid with an equal volume of glycerol, aliquot contents and freeze at -20C or below for long term storage.

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**NBP1-75346****Goat anti-Rabbit IgG Fc Secondary Antibody [HRP]**

| <b>Product Information</b>         |                                                                                                                                                                                                                                            |
|------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Unit Size</b>                   | 1 mg                                                                                                                                                                                                                                       |
| <b>Concentration</b>               | LYOPH mg/ml                                                                                                                                                                                                                                |
| <b>Storage</b>                     | Store lyophilized antibody at 4C. Mix reconstituted liquid with an equal volume of glycerol, aliquot contents and freeze at -20C or below for long term storage.                                                                           |
| <b>Clonality</b>                   | Polyclonal                                                                                                                                                                                                                                 |
| <b>Preservative</b>                | 0.1% ProClin 150                                                                                                                                                                                                                           |
| <b>Reconstitution Instructions</b> | Rehydrate with 1.1 ml of deionized water and let stand 30 minutes at room temperature to dissolve. (Product has been overfilled to ensure complete recovery.) Centrifuge to remove any particulates. Prepare fresh working dilution daily. |
| <b>Isotype</b>                     | IgG                                                                                                                                                                                                                                        |
| <b>Conjugate</b>                   | HRP                                                                                                                                                                                                                                        |
| <b>Purity</b>                      | Affinity purified                                                                                                                                                                                                                          |
| <b>Buffer</b>                      | 10 mM Sodium Phosphate, 0.15 M Sodium Chloride, pH 7.2, 1 % (w/v) BSA, Protease/IgG free                                                                                                                                                   |

| <b>Product Description</b>     |                                                                                                                                                                                                                                                                                                     |
|--------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Description</b>             | <p>Purity &gt; 95% based on SDS-PAGE. Goat serum was obtained from healthy animals of US origin and under the care of a registered veterinarian.</p> <p>Store lyophilized material at 2-8C. For long term storage after reconstitution, dilute with 50% glycerol and store at -20C as a liquid.</p> |
| <b>Host</b>                    | Goat                                                                                                                                                                                                                                                                                                |
| <b>Species</b>                 | Rabbit                                                                                                                                                                                                                                                                                              |
| <b>Reactivity Notes</b>        | Based on IEP, no reactivity is observed to non-immunoglobulin rabbit serum proteins, light chains on all rabbit immunoglobulins, and Rabbit IgG F(ab)'2 fragment                                                                                                                                    |
| <b>Specificity/Sensitivity</b> | Based on IEP, this antibody reacts with heavy gamma chains on rabbit IgG                                                                                                                                                                                                                            |
| <b>Immunogen</b>               | Purified Rabbit IgG Fc                                                                                                                                                                                                                                                                              |

| <b>Product Application Details</b> |                                                                                                                                                           |
|------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Applications</b>                | Western Blot, Immunohistochemistry-Paraffin, ELISA, Immunohistochemistry, Immunohistochemistry-Frozen                                                     |
| <b>Recommended Dilutions</b>       | Western Blot 1:200-1:5000, ELISA 1:200-1:5000, Immunohistochemistry, Immunohistochemistry-Paraffin 1:500-1:5000, Immunohistochemistry-Frozen 1:500-1:5000 |
| <b>Application Notes</b>           | This conjugate is suitable for all immunoassay applications.                                                                                              |



## Publications

Begum F, Srivastava AK, Tripathi PP, Ray U A substrate for a cell free in vitro assay system to screen drugs targeting trypsin like protease-based cleavage of SARS-CoV-2 spike glycoprotein and viral entry Journal of medical virology 2023-05-01 [PMID: 37218551]

Alves La, Nomura R, Mariano Fs et al. CovR regulates Streptococcus mutans susceptibility to complement immunity and survival in blood. Infect Immun. [PMID: 27572331]

Details:

Citation using the HRP form of this antibody.





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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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