

# Product Datasheet

## Chicken anti-Rat IgG (H+L) Secondary Antibody [DyLight 550] (Pre-adsorbed) NBP1-75594

Unit Size: 0.5 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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**NBP1-75594**

Chicken anti-Rat IgG (H+L) Secondary Antibody [DyLight 550] (Pre-adsorbed)

| Product Information         |                                                                                                                                                                                                                                             |
|-----------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Unit Size                   | 0.5 mg                                                                                                                                                                                                                                      |
| Concentration               | LYOPH mg/ml                                                                                                                                                                                                                                 |
| Storage                     | 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.                                                                            |
| Clonality                   | Polyclonal                                                                                                                                                                                                                                  |
| Preservative                | 0.05% Sodium Azide                                                                                                                                                                                                                          |
| Reconstitution Instructions | Rehydrate with 0.55 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. |
| Isotype                     | IgG                                                                                                                                                                                                                                         |
| Conjugate                   | DyLight 550                                                                                                                                                                                                                                 |
| Purity                      | Affinity purified                                                                                                                                                                                                                           |
| Buffer                      | 10 mM Sodium Phosphate, 0.15 M Sodium Chloride, pH 7.2, 1 % (w/v) BSA, Protease/IgG free                                                                                                                                                    |

| Product Description     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
|-------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Description             | <p>Chicken products cannot be exported to Canada.</p> <p>Affinity purified antibody is &gt; 95% based on SDS-PAGE. Chicken Ig fraction was prepared using eggs from healthy hens of US origin. DyLight 550 (Ex = 550 nm; Em = 576 nm). After reconstituted, prepare fresh working dilution daily.</p> <p>Product is stable for up to 4 weeks at 2-8C after rehydration. For extended storage after rehydration, add an equal volume of glycerol and store at -20C.</p> |
| Host                    | Chicken                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Species                 | Rat                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Reactivity Notes        | Based on IEP, no reactivity is observed to non-immunoglobulin rat serum proteins serum proteins from human or rabbit and IgG from human, or rabbit                                                                                                                                                                                                                                                                                                                     |
| Specificity/Sensitivity | Based on IEP, this Chicken anti-Rat IgG (H+L) Secondary Antibody [DyLight 550] (Pre-adsorbed) heavy gamma chains on rat IgG and light chains on all rat immunoglobulins. This antibody has been pre-adsorbed against human or rabbit IgG or serum proteins.                                                                                                                                                                                                            |
| Immunogen               | This Chicken anti-Rat IgG (H+L) Secondary Antibody [DyLight 550] (Pre-adsorbed) was developed against purified rat IgG (H&L).                                                                                                                                                                                                                                                                                                                                          |
| Notes                   | <p>Chicken products cannot be exported to Canada.</p> <p>DyLight (R) is a trademark of Thermo Fisher Scientific Inc. and its subsidiaries.</p>                                                                                                                                                                                                                                                                                                                         |

| Product Application Details |                                                                     |
|-----------------------------|---------------------------------------------------------------------|
| Applications                | Flow Cytometry, Immunomicroscopy                                    |
| Recommended Dilutions       | Flow Cytometry 1:20 - 1:2000, Immunomicroscopy 1:20 - 1:2000        |
| Application Notes           | This conjugate is suitable for immunomicroscopy and flow cytometry. |





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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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