

# Product Datasheet

## Goat anti-Chicken IgG (H+L) Secondary Antibody [DyLight 680] (Pre-adsorbed) NBP1-72816

Unit Size: 0.1 mg

Store lyophilized antibody at 4C in the dark. Aliquot reconstituted liquid and store at -20C. Avoid freeze-thaw cycles.

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**NBP1-72816**

Goat anti-Chicken IgG (H+L) Secondary Antibody [DyLight 680] (Pre-adsorbed)

| Product Information         |                                                                                                                                                     |
|-----------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------|
| Unit Size                   | 0.1 mg                                                                                                                                              |
| Concentration               | LYOPH mg/ml                                                                                                                                         |
| Storage                     | Store lyophilized antibody at 4C in the dark. Aliquot reconstituted liquid and store at -20C. Avoid freeze-thaw cycles.                             |
| Clonality                   | Polyclonal                                                                                                                                          |
| Preservative                | 0.01% Sodium Azide                                                                                                                                  |
| Reconstitution Instructions | Reconstitute with 100 ul deionized water (or equivalent).                                                                                           |
| Isotype                     | IgG                                                                                                                                                 |
| Conjugate                   | DyLight 680                                                                                                                                         |
| Purity                      | Multi-step                                                                                                                                          |
| Buffer                      | Lyophilized from 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>Store vial at 4C prior to restoration. 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 temperature. This product is stable for several weeks at 4C as an undiluted liquid. Dilute only prior to immediate use.</p> <p>This product was prepared from monospecific antiserum by immunoaffinity chromatography using Chicken 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-Goat Serum, Chicken IgG and Chicken Serum</p> |
| Host                    | Goat                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Species                 | Chicken                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Specificity/Sensitivity | <p>This antibody was pre-adsorbed against Bovine, Goat, Guinea Pig, Hamster, Horse, Human, Mouse, Rabbit, Rat, and Sheep Serum Proteins.</p> <p>No reaction was observed against Bovine, Goat, Guinea Pig, Hamster, Horse, Human, Mouse, Rabbit, Rat and Sheep Serum Proteins. This antibody will react with heavy chains of Chicken IgG and with light chains of most Chicken immunoglobulins.</p>                                                                                                                                                                                                                                                                                            |
| Immunogen               | Chicken IgG whole molecule                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Notes                   | DyLight (R) is a trademark of Thermo Fisher Scientific Inc. and its subsidiaries.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |

| Product Application Details |                                                                                                                      |
|-----------------------------|----------------------------------------------------------------------------------------------------------------------|
| Applications                | Western Blot, Fluorophore-linked immunosorbent assay, Immunocytochemistry/ Immunofluorescence                        |
| Recommended Dilutions       | Western Blot 1:10000, Immunocytochemistry/ Immunofluorescence 1:5000, Fluorophore-linked immunosorbent assay 1:20000 |

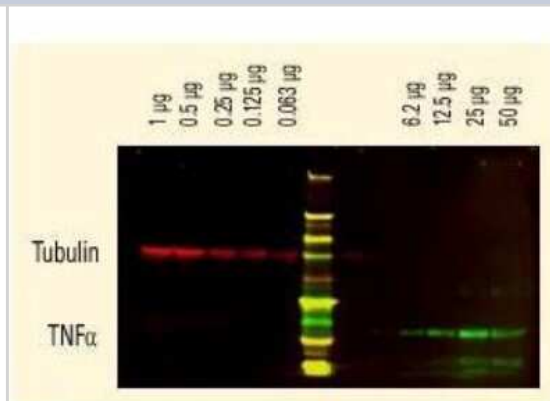


**Application Notes**

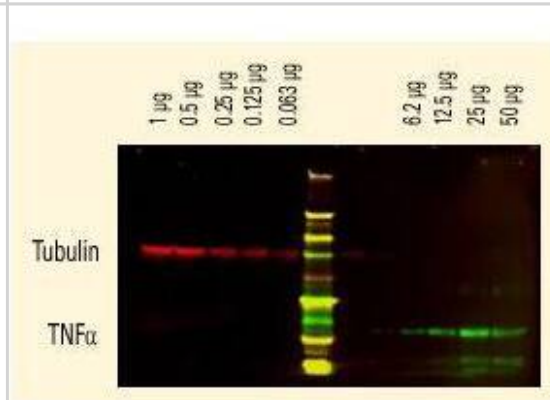
The emission spectra for this DyLight(TM) conjugate match the principle output wavelengths of most common fluorescence instrumentation. This product is designed for immunofluorescence microscopy, fluorescence based plate assays (FLISA) and fluorescent western blotting. This product is also suitable for multiplex analysis, including multicolor imaging, utilizing various commercial platforms.

**Images**

Western Blot: Goat anti-Chicken IgG (H+L) Secondary Antibody [DyLight 680] (Pre-adsorbed) [NBP1-72816] - DyLight (TM) dyes can be used for two-color Western Blot detection with low background and high signal. Anti-tubulin was detected using a DyLight (TM) 680 conjugate. Anti-TNF $\alpha$  was detected using a DyLight (TM) 800 conjugate. The image was captured using the Odyssey(R) Infrared Imaging System developed by LI-COR.



DyLight(TM) dyes can be used for two-color Western Blot detection with low background and high signal. Anti-tubulin was detected using a DyLight(TM) 680 conjugate. Anti-TNF $\alpha$  was detected using a DyLight (TM) 800 conjugate. The image was captured using the Odyssey(R) Infrared Imaging System developed by LI-COR.





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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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