

# Product Datasheet

## Goat anti-Hamster IgG (H+L) Secondary Antibody [DyLight 800] (Pre-adsorbed) NBP1-73012

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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**NBP1-73012**

Goat anti-Hamster IgG (H+L) Secondary Antibody [DyLight 800] (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 800
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 Golden Syrian &amp; Armenian Hamster 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, Golden Syrian &amp; Armenian Hamster and Golden Syrian &amp; Armenian Hamster Serum</p>
Host	Goat
Species	Hamster
Reactivity Notes	Cricetulus migratorius (Armenian Hamster); Melanochromis auratus (Golden Syrian Hamster)
Specificity/Sensitivity	<p>This antibody was pre-adsorbed against Mouse and Rat Serum Proteins.</p> <p>No reaction was observed against Mouse or Rat Serum Proteins. This antibody will react with heavy chains of Golden Syrian &amp; Armenian Hamster IgG and with light chains of most Golden Syrian &amp; Armenian Hamster immunoglobulins.</p>
Immunogen	Armenian and Golden Syrian Hamster IgG, whole molecule

Product Application Details	
Applications	Western Blot, Fluorophore-linked immunosorbent assay, Immunocytochemistry/ Immunofluorescence
Recommended Dilutions	Western Blot 1:10000-1:25000, Immunocytochemistry/ Immunofluorescence 1:5000, Fluorophore-linked immunosorbent assay 1:20000



**Application Notes**

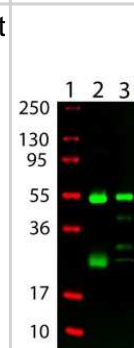
This product has been tested by western blot and is designed for immunofluorescence microscopy, fluorescence based plate assays (FLISA) and fluorescent western blotting. This product is also suitable for multiplex analysis, including multicolor imaging, utilizing various commercial platforms. The emission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

**Images**

Western Blot: Goat anti-Hamster IgG (H+L) Secondary Antibody [DyLight 800] (Pre-adsorbed) [NBP1-73012] - Anti-tubulin was detected using a DyLight 680 conjugate. Anti-TNF $\alpha$  was detected using a DyLight 800 conjugate. The image was captured using the Odyssey Infrared Imaging System developed by LI-COR.



Western Blot: Goat anti-Hamster IgG (H+L) Secondary Antibody [DyLight 800] (Pre-adsorbed) [NBP1-73012] - Golden Syrian Hamster IgG (Lane 2) and Armenian Hamster IgG (Lane 3) was run on a 4-20% gel and transferred to 0.45  $\mu$ m nitrocellulose. After blocking with 5% Blotto 30 min at 20C, Antibody was used at 1:5000 in blocking buffer for Fluorescent Western blotting. Molecular weight markers are in lane 1.

**Publications**

Anjuwon-Foster BR, Maldonado-Vazquez N, Tamayo R. Et al. Characterization of Flagellum and Toxin Phase Variation in *Clostridioides difficile* Ribotype 012 Isolates J Bacteriol 2018-05-09 [PMID: 29735765] (WB)

Details:

Citation using the DyLight 800 version 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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