

# Product Datasheet

## Goat anti-Mouse IgG Fc Secondary Antibody [DyLight 488] NBP1-72872

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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**Reviews: 1**

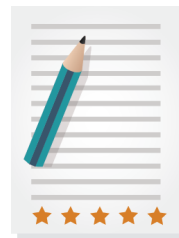
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**NBP1-72872**

Goat anti-Mouse IgG Fc Secondary Antibody [DyLight 488]

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 488
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

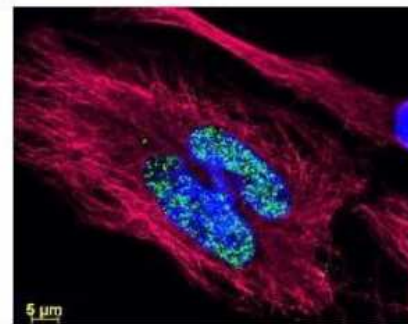
Product Description	
Description	<p>Store vial at 4C prior to restoration. For extended storage aliquot contents and freeze at -20C or below. Avoid cycles of freezing and thawing. Centrifuge product if not completely clear after standing at room temperature. This product is stable for several weeks at 4C as an undiluted liquid. Dilute only prior to immediate use.</p> <p>This product was prepared from monospecific antiserum by immunoaffinity chromatography using Mouse 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, Mouse IgG, Mouse IgG F(c) and Mouse Serum</p>
Host	Goat
Species	Mouse
Specificity/Sensitivity	No reaction was observed against Mouse IgG F(ab) This antibody will react with heavy chains of Mouse IgG. Minimal reactivity is expected against other Mouse immunoglobulins.
Immunogen	Goat anti-Mouse IgG Fc fragment Secondary Antibody was produced by repeated immunization with Mouse IgG F(c) fragment in goat.
Notes	DyLight (R) is a trademark of Thermo Fisher Scientific Inc. and its subsidiaries.

Product Application Details	
Applications	Western Blot, Dot Blot, Fluorophore-linked immunosorbent assay, Immunocytochemistry/ Immunofluorescence
Recommended Dilutions	Western Blot 1:10000, Immunocytochemistry/ Immunofluorescence 1:5000, Dot Blot, Fluorophore-linked immunosorbent assay 1:20000
Application Notes	This product has been tested by dot 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.

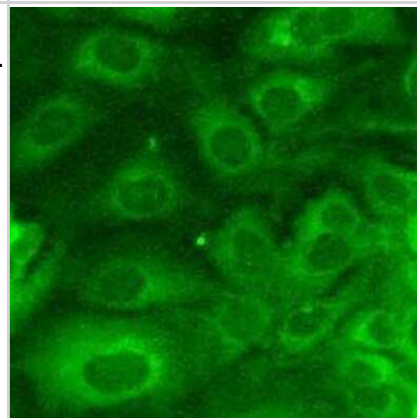


## Images

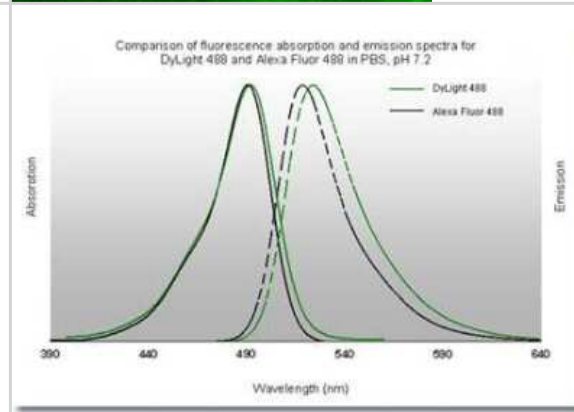
Immunocytochemistry/Immunofluorescence: Goat anti-Mouse IgG Fc Secondary Antibody [DyLight 488] [NBP1-72872] - This image shows anti-histone detection using a DyLight(TM) 488 conjugate (green). Anti-Tubulin was detected using a DyLight(TM) 549 conjugate (red). Nuclei were counter-stained using DAPI (blue). The image was captured using an Axio Imager.Z1



Immunocytochemistry/Immunofluorescence: Goat anti-Mouse IgG Fc Secondary Antibody [DyLight 488] [NBP1-72872] - Analysis of Vero cells. Cells were fixed in 4% paraformaldehyde for 20 minutes at room temperature. Image from verified customer review.



Fluorophore-linked immunosorbent assay: Goat anti-Mouse IgG Fc Secondary Antibody [DyLight 488] [NBP1-72872] - Comparison of fluorescence absorption and emission spectra for DyLight 488(TM) and Alexa Fluor 488 (TM) in PBS, pH 7.2.





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### **Products Related to NBP1-72872**

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NBP1-96784	Mouse IgG Fc Isotype Control
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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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