

# Product Datasheet

## Goat anti-Rabbit IgG Fc Secondary Antibody [DyLight 488] NBP1-72943

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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**NBP1-72943**

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

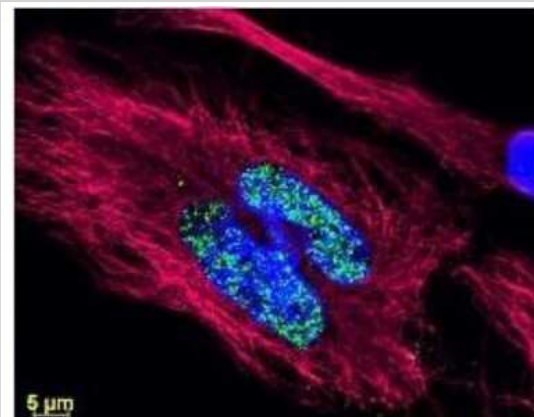
<b>Product Information</b>	
<b>Unit Size</b>	0.1 mg
<b>Concentration</b>	LYOPH mg/ml
<b>Storage</b>	Store lyophilized antibody at 4C in the dark. Aliquot reconstituted liquid and store at -20C. Avoid freeze-thaw cycles.
<b>Clonality</b>	Polyclonal
<b>Preservative</b>	0.01% Sodium Azide
<b>Reconstitution Instructions</b>	Reconstitute with 100 ul deionized water (or equivalent).
<b>Isotype</b>	IgG
<b>Conjugate</b>	DyLight 488
<b>Purity</b>	Multi-step
<b>Buffer</b>	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

<b>Product Description</b>	
<b>Description</b>	<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 Rabbit 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, Rabbit IgG, Rabbit IgG F(c) and Rabbit Serum</p>
<b>Host</b>	Goat
<b>Species</b>	Rabbit
<b>Specificity/Sensitivity</b>	This antibody will react with heavy chains of Rabbit IgG. Minimal reactivity is expected against other Rabbit immunoglobulins.
<b>Immunogen</b>	Goat anti-Rabbit IgG Fc fragment Secondary Antibody was produced by repeated immunization with rabbit IgG f(c) fragment in goat
<b>Notes</b>	DyLight (R) is a trademark of Thermo Fisher Scientific Inc. and its subsidiaries.

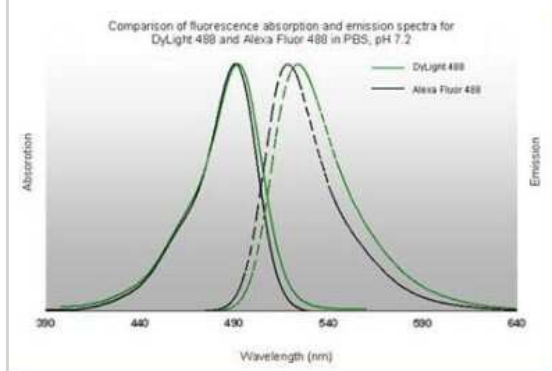
<b>Product Application Details</b>	
<b>Applications</b>	Western Blot, Dot Blot, Fluorophore-linked immunosorbent assay, Immunocytochemistry/ Immunofluorescence
<b>Recommended Dilutions</b>	Western Blot 1:10000, Immunocytochemistry/ Immunofluorescence 1:5000, Dot Blot, Fluorophore-linked immunosorbent assay 1:20000
<b>Application Notes</b>	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

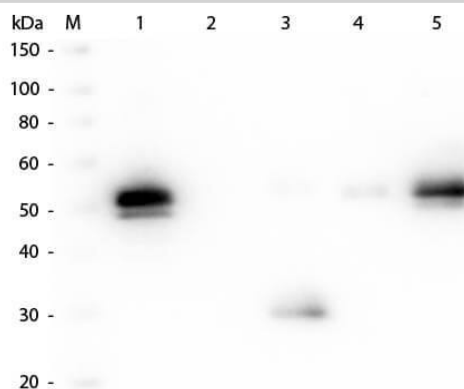
Immunocytochemistry/Immunofluorescence: Goat anti-Rabbit IgG Fc Secondary Antibody [DyLight 488] [NBP1-72943] - This image shows anti-histone detection using a DyLight (TM) 488 conjugate (green). Anti-tubulin was detected using a DyLight (TM) 549 conjugate (red). Nuclei were counter-stained using DAPI (blue). The image was captured using an Axio Imager.Z1.



Fluorophore-linked immunosorbent assay: Goat anti-Rabbit IgG Fc Secondary Antibody [DyLight 488] [NBP1-72943] - Comparison of fluorescence adsorption and emission spectra for DyLight 488 and Alexa Fluor 488 in PBS, pH 7.2.



Western Blot of Goat anti-Rabbit IgG Fc Secondary Antibody [DyLight 488]





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### **Products Related to NBP1-72943**

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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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