

Product Datasheet

Goat anti-Guinea Pig IgG (H+L) Secondary Antibody [DyLight 488] (Pre-adsorbed) NBP1-72854

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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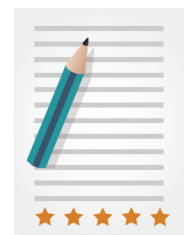
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NBP1-72854

Goat anti-Guinea Pig IgG (H+L) Secondary Antibody [DyLight 488] (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 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	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. This product was prepared from monospecific antiserum by immunoaffinity chromatography using Guinea Pig 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, Guinea Pig IgG and Guinea Pig Serum
Host	Goat
Species	Guinea Pig
Specificity/Sensitivity	This antibody was pre-adsorbed against Bovine, Chicken, Goat, Hamster, Horse, Human, Mouse, Rabbit, Rat, and Sheep Serum Proteins. No reaction was observed against Bovine, Chicken, Goat, Hamster, Horse, Human, Mouse, Rabbit, Rat or Sheep Serum Proteins. This antibody will react with heavy chains of Guinea Pig IgG and with light chains of most Guinea Pig immunoglobulins.
Immunogen	Guinea Pig 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, Immunohistochemistry, Immunohistochemistry-Paraffin
Recommended Dilutions	Western Blot 1:10000, Immunohistochemistry 1:10-1:500, Immunocytochemistry/Immunofluorescence 1:5000, Immunohistochemistry-Paraffin 1:50-1:200, Fluorophore-linked immunosorbent assay 1:20000

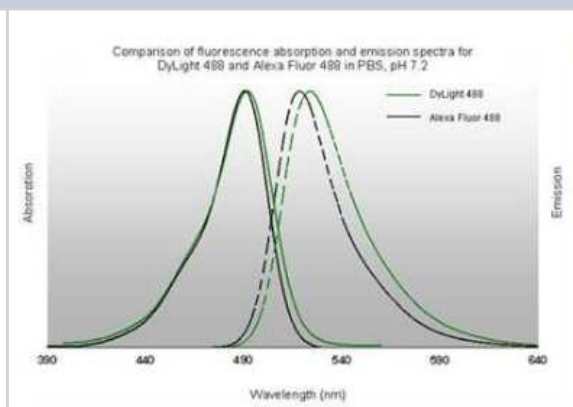


Application Notes

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

Fluorophore-linked immunosorbent assay: Goat anti-Guinea Pig IgG (H +L) Secondary Antibody [DyLight 488] (Pre-adsorbed) [NBP1-72854]



DyLight(TM) dyes can be used for multi-color immunofluorescence microscopy with uniform fluorescence intensity throughout the image. DyLight(TM) dyes are exceptionally bright and photostable and are optimized for microscopy and microarray detection methods. 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 (Zeiss Micro Imaging Inc).





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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.

For more information on our 100% guarantee, please visit www.novusbio.com/guarantee

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