

Product Datasheet

Goat anti-Chicken IgG (H+L) Secondary Antibody [DyLight 488] (Pre-adsorbed) NBP1-72813

Unit Size: 0.1 mg

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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NBP1-72813

Goat anti-Chicken IgG (H+L) Secondary Antibody [DyLight 488] (Pre-adsorbed)

Product Information	
Unit Size	0.1 mg
Concentration	LYOPH mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.01% Sodium Azide
Reconstitution Instructions	Reconstitute with 0.1 ml deionized water.
Isotype	IgG
Conjugate	DyLight 488
Purity	Immunogen affinity purified
Buffer	0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2 with 10 mg/ml BSA - Immunoglobulin and Protease free
Product Description	
Host	Goat
Species	Chicken
Reactivity Notes	Reacts with Chicken.
Specificity/Sensitivity	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. 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.
Immunogen	Chicken IgG, whole molecule
Notes	Emission Wavelength: 518, Excitation Wavelength: 493, Label Molecular Weight: 1,011, Restore with 0.1 mL of deionized water (or equivalent). 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-Frozen
Recommended Dilutions	Western Blot 1:10000, Immunocytochemistry/Immunofluorescence 1:5000, Immunohistochemistry-Frozen, Fluorophore-linked immunosorbent assay 1:20000
Application Notes	Use in IHC-Fr reported in scientific literature (PMID:33754060). 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.

Publications

Zhou P, Zhang H, Wang Y et al. C-kit+VEGFR-2+ Mesenchymal Stem Cells Differentiate into Cardiovascular Cells and Repair Infarcted Myocardium after Transplantation Stem Cell Rev Rep 2022-08-13 [PMID: 35962935]

Wang YL, Yu SN, Shen HR et al. Thymosin beta4 released from functionalized self-assembling peptide activates epicardium and enhances repair of infarcted myocardium Theranostics 2021-02-20 [PMID: 33754060] (IHC-Fr)



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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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