

Product Datasheet

Biotin Antibody [FITC] - F(ab) NBP1-97372

Unit Size: 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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NBP1-97372

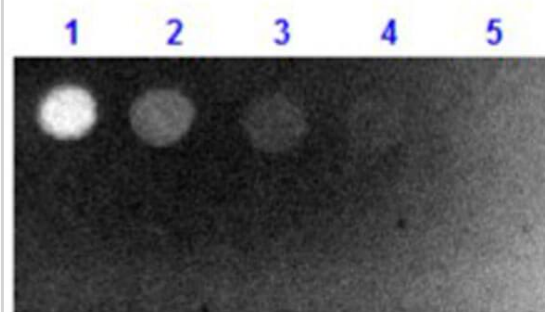
Biotin Antibody [FITC] - F(ab)

Product Information	
Unit Size	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 1.0 ml deionized water (or equivalent)
Isotype	IgG
Conjugate	FITC
Purity	Immunogen affinity purified
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>Stabilizer: 10 mg/ml Bovine Serum Albumin (BSA)-Immunoglobulin and Protease free Color: Green Excitation Wavelength: 495 Emission Wavelength: 528 Conjugation Chemistry: Isothiocyanate</p> <p>Fab fragment anti-Biotin Antibody [FITC] was prepared from monospecific antiserum by immunoaffinity chromatography using Biotin coupled to sepharose beads followed by papain digestion and chromatographic separation. Assay by immunoelectrophoresis resulted in a single precipitin arc against anti-Goat Serum, anti-Fluorescein</p>
Host	Goat
Species	Non-species specific
Immunogen	Biotin conjugated to Keyhole Limpet Hemocyanin (b-KLH)
Product Application Details	
Applications	Western Blot, Dot Blot, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin, Knockout Validated
Recommended Dilutions	Western Blot 1:100-1:500, Immunohistochemistry 1:50 - 1:200, Immunocytochemistry/ Immunofluorescence 1:500-1:2500, Immunohistochemistry-Paraffin 1:20-1:50, Dot Blot, Knockout Validated
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. Specific conditions for reactivity should be optimized by the end user.



Images

Dot Blot results of Goat Biotin Antibody [FITC] - F(ab). Dots top row: Biotin-BSA Conjugate. Dots bottom row: BSA alone. Load: (1) 100ng, (2) 33.3ng, (3) 11.1ng, (4) 3.70ng, (5) 1.23ng. Primary Antibody: none. Secondary Antibody: Goat Fab Anti-Biotin Antibody FITC at 1ug/mL in 1hr RT. Imaged with BioRad ChemiDoc, Fluorescein filter.





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Products Related to NBP1-97372

NB410-28088F-500ul	Goat IgG Isotype Control [FITC]
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Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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