



Anti-BIOTIN (RABBIT) Antibody Fluorescein Conjugated - 600-402-098

Code: 600-402-098

Size: 100 µL

Product Description: Anti-BIOTIN (RABBIT) Antibody Fluorescein Conjugated - 600-402-098

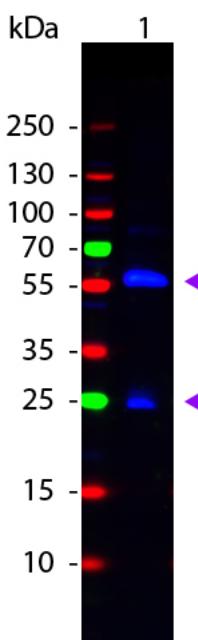
Concentration: 1.0 mg/mL by UV absorbance at 280 nm

Physical State: Lyophilized

Label	Fluorescein (FITC)
Host	Rabbit
Gene Name	n/a
Emission Wavelength	528
Excitation Wavelength	495
Buffer	0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2
Reconstitution Volume	100 µL
Reconstitution Buffer	Restore with deionized water (or equivalent)
Stabilizer	10 mg/mL Bovine Serum Albumin (BSA) - Immunoglobulin and Protease free
Preservative	0.01% (w/v) Sodium Azide
Storage Condition	Store vial at 4° C prior to restoration. For extended storage aliquot contents and freeze at -20° C 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 4° C as an undiluted liquid. Dilute only prior to immediate use.
Synonyms	rabbit anti-Biotin Antibody fluorescein Conjugation, FITC conjugated rabbit anti-Biotin Antibody
Application Note	Biotin Antibody Fluorescein Conjugated 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.
Background	Biotin Antibody detects Biotin. Biotin is a water-soluble B-complex vitamin (vitamin B7). It is composed of a ureido (tetrahydroimidizalone) ring fused with a tetrahydrothiophene ring. A valeric acid substituent is attached to one of the carbon atoms of the tetrahydrothiophene ring. Biotin is a coenzyme for carboxylase enzymes, involved in the synthesis of fatty acids, isoleucine, and valine, and in gluconeogenesis. Biotin is necessary for cell growth, the production of fatty acids, and the metabolism of fats and amino acids. Anti-Biotin Fluorescein Conjugated Antibody is ideal for investigators involved in Cell Signaling and Cell Biology research.
Purity And Specificity	Biotin Antibody Fluorescein Conjugated was prepared from monospecific antiserum by immunoaffinity chromatography using Biotin coupled to sepharose beads. Assay by immunoelectrophoresis resulted in a single precipitin arc against anti-Fluorescein, anti-Rabbit Serum, Biotinylated IgG and Biotinylated Bovine Serum Albumin.
IF Microscopy	1:500-1:2,500
Expiration	Expiration date is one (1) year from date of opening.
Immunogen	Biotin conjugated to Keyhole Limpet Hemocyanin (KLH)
Related Products	
200-301-268	Anti-AKT pS473 (MOUSE) Monoclonal Antibody - 200-301-268
610-4302	Anti-MOUSE IgG (H&L) (RABBIT) Antibody Peroxidase Conjugated - 610-4302
611-1302	Anti-RABBIT IgG (H&L) (GOAT) Antibody Peroxidase Conjugated - 611-1302
B304	NORMAL GOAT SERUM (NGS) - B304

Images

Western Blot of Rabbit anti-Biotin Fluorescein Conjugated Antibody. Lane 1: Biotin Conjugated Guinea Pig IgG. Lane 2: None. Load: 50 ng per lane. Primary antibody: None. Secondary antibody: Fluorescein rabbit secondary antibody at 1:1,000 for 60 min at RT. Block: MB-070 for 30 min at RT. Predicted/Observed size: 28 & 55 kDa, 28 & 55 kDa for Guinea Pig IgG. Other band(s): None.



Disclaimer

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