

## Product datasheet for **TA396976**

### Rabbit Polyclonal Antibody

#### Product data:

Product Type:	Primary Antibodies
Applications:	FC, IF
Recommended Dilution:	<b>IF:</b> 1:50-1:300 <b>FC:</b> User Optimized
Host:	Rabbit
Clonality:	Polyclonal
Immunogen:	Biotin conjugated Keyhole Limpet Hemocyanin (KLH)
Specificity:	Anti-Biotin Antibody Fluorescein Conjugated is an IgG fraction antibody purified from monospecific antiserum by a multi-step process which includes delipidation, salt fractionation and ion exchange chromatography followed by extensive dialysis against the buffer stated above. Assay by immunoelectrophoresis resulted in a single precipitin arc against anti-fluorescein, anti-Rabbit Serum, Biotin conjugated IgG and Biotin conjugated Albumin.
Formulation:	0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2
Reconstitution Method:	Restore with deionized water (or equivalent) - Reconstitution Volume: 100 µL
Concentration:	1mg/ml - lot specific
Conjugation:	FITC
Storage:	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.
Stability:	Expiration date is one (1) year from date of receipt.
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.



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**Synonyms:** rabbit anti-Biotin Antibody FITC Conjugation, Fluorescein conjugated rabbit anti-Biotin antibody, Biotin FITC, Anti-Biotin fluorescein Antibody

**Note:** Anti-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.