

**Fab Anti-BIOTIN (GOAT) Antibody Texas Red™ Conjugated**  
**Fab Biotin Antibody Texas Red™ Conjugated**  
**Catalog # ASR5940****Specification****Fab Anti-BIOTIN (GOAT) Antibody Texas Red™ Conjugated - Product Information**

|                       |  |
|-----------------------|--|
| Host                  | Goat   |
| Conjugate             | Texas Red®   |
| FP Value              | 1.17   |
| Clonality             | Polyclonal   |
| Application           | WB, IHC, E, I, LCI   |
| Application Note      | Fab Anti-Biotin Antibody Texas Red Conjugated 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. |
| Physical State        | Lyophilized  |
| Buffer                | 0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2   |
| Immunogen             | Biotin conjugated to Keyhole Limpet Hemocyanin (KLH)   |
| Reconstitution Volume | 1.0 mL   |
| 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   |

**Fab Anti-BIOTIN (GOAT) Antibody Texas Red™ Conjugated - Additional Information****Purity**

Fab Biotin antibody 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. No reaction was observed against anti-papain or anti-Goat IgG F(c).

**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.

**Precautions Note**

This product is for research use only and is not intended for therapeutic or diagnostic applications.

## **Fab Anti-BIOTIN (GOAT) Antibody Texas Red™ Conjugated - Protein Information**

## **Fab Anti-BIOTIN (GOAT) Antibody Texas Red™ Conjugated - Protocols**

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

## **Fab Anti-BIOTIN (GOAT) Antibody Texas Red™ Conjugated - Images**

## **Fab Anti-BIOTIN (GOAT) Antibody Texas Red™ Conjugated - Background**

Fab Biotin antibody recognizes Biotin. Biotin, also known as vitamin H or coenzyme R, is a water-soluble B-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.