

**PN IM0830****Goat F(ab')<sub>2</sub> Fragment  
Anti-Rabbit IgG (H+L)-Biotin****Lot Number: 61135**

For Research Use Only. Not For Use In Diagnostic Procedures.

**PRODUCT**

Biotin-SP-conjugated AffiniPure F(ab')<sub>2</sub> Fragment Goat Anti-Rabbit IgG (H+L) (minimal cross-reaction to Human Serum Proteins)

**ANTIBODY SPECIFICITY**

Based on Immunoelectrophoresis, the antibody reacts with the heavy chains on rabbit IgG and with light chains common to most rabbit immunoglobulins. No antibody was detected against non-immunoglobulin serum proteins. This antibody has been tested by ELISA and/or solid-phase adsorbed to ensure minimal cross-reaction with human serum proteins, but the antibody may cross-react with immunoglobulins from other species.

**PURITY**

The antibody was isolated from antisera by a combination of pepsin digestion and immunoaffinity chromatography using antigens coupled to agarose beads. Fc fragments and whole IgG molecules have been removed.

**FORMAT**

Freeze-dried powder.

**SIZE**

0.5 mL

**PRODUCT CONCENTRATION**

1.1 mg/mL

**BUFFER AND STABILIZER**

0.01 M Sodium Phosphate, 0.25 M NaCl, pH 7.6, containing 15 mg/mL Bovine Serum Albumin

**PRESERVATIVE**

0.05% Sodium Azide (NaN<sub>3</sub>)

(Note: Due to tightened regulations in many countries and states, thimerosal, a mercury-containing preservative, will no longer be included in our products. Please follow our recommendations for storage to avoid microbial contamination.)

**RECONSTITUTION AND STORAGE**

Store freeze-dried product at 2 – 8°C until reconstitution. When ready to use, reconstitute with 0.5 mL distilled water. Centrifuge product if the solution is not clear after reconstitution. To judge clarity, draw product into a clean Pasteur pipette. Product is stable for about 6 weeks at 2 – 8°C as an undiluted liquid. Storing the product for more than one day at final working dilutions is not recommended.

For extended storage as a liquid, add an equal volume of glycerol (ACS or better grade) for a final concentration of 50% followed by storage at –20°C. Please note that the concentration of protein and buffer salts will be one-half of the original after the addition of glycerol.

**SUGGESTED DILUTION RANGE**

1:20,000 – 1:400,000 for ELISA and Western Blots using enzyme-conjugated streptavidin

1:500 – 1:5,000 for enzyme immunohistochemistry on tissue sections

1:200 – 1:1,000 for flow cytometry and fluorescence immunohistochemistry

**EXPIRATION DATE**

One year from date of reconstitution

**STATEMENT OF WARNINGS**

1. For research use only. Not for use in diagnostic procedures.
2. This reagent contains 0.05% sodium azide. Sodium azide under acidic conditions yields hydrazoic acid, an extremely toxic compound. Azide compounds should be flushed with running water while being discarded. These precautions are recommended to avoid deposits in metal piping in which explosive conditions can develop. If skin or eye contact occurs, wash excessively with water.
3. Specimens, samples and all material coming in contact with them should be handled as if capable of transmitting infection and disposed of with proper precautions.
4. Never pipet by mouth and avoid contact of samples with skin and mucous membranes.
5. Do not use this reagent beyond the expiration date and after dilution no more than one day.
6. Avoid microbial contamination of reagents or incorrect results might occur.

**MANUFACTURED FOR:**

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