

# Anti-Rabbit IgG:Biotin Conj.



## TECHNICAL SPECIFICATIONS

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### Goat Anti-Rabbit IgG Biotin Conjugate Adsorbed with Human IgG Product #: SAB-303

#### Immunogen

Goats were immunized with purified rabbit IgG (whole molecule).

#### Specificity

SAB-303 specifically reacts with normal rabbit serum and rabbit IgG when tested by immunoelectrophoresis prior to biotinylation. The antibody does not react with human IgG when tested by immunoelectrophoresis.

#### Applications

#### Certified\*

ELISA	1:20,000 – 1:400,000
Western (enzyme-conjugated streptavidin)	1:20,000 – 1:400,000
Immunohistochemistry	1:500 – 1:5,000
Flow cytometry	1:200 – 1:1,000
Fluorescence Immunohisto/cytochemistry	1:200 – 1:1,000

\*These working dilutions are provided as suggestions only. Further dilutions may be possible. Each user should determine the optimal conditions for their own particular experiment.

#### Affinity Purification and Conjugation

The goat antiserum was immunoaffinity purified to isolate specific anti-rabbit IgG antibodies which were then adsorbed with human IgG and conjugated to NHS-biotin containing a six amino caproic acid spacer.

#### Identity and Purity

Based on immunoelectrophoresis, the antibody reacts with rabbit IgG heavy chains 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.

Rev: 07/12/06

## CERTIFICATE OF ANALYSIS

### Anti-Rabbit IgG:Biotin Conj.

**Product #:** SAB-303

**Size:**

**Lot #:**

**Format:** 500µL of biotinylated affinity purified goat immunoglobulin in 0.01M sodium phosphate, 0.25M NaCl, pH 7.6, 15mg/mL BSA and 0.05% sodium azide as a preservative.

**Host:** Goat

**Antibody Type:** Polyclonal

**STORAGE & SHIPPING:** Store at -20°C to -70°C. For extended storage, freeze in aliquots and avoid repeated freeze/thaw cycles. Shipped on gel packs.



**FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES:** This product is not to be used for diagnostic nor therapeutic purposes. By accepting this product, the user confirms that it will be used for research purposes only. Stressgen warrants that its products conform to the information published by Stressgen. Purchaser must determine the suitability of the product for their particular use. Please refer to the MSDS for product safety information.

# MATERIAL SAFETY DATA SHEET

## Section 1 - Product Identification and Use

**Product Name:** Goat Anti-Rabbit IgG Biotin Conjugate **Product#** SAB-303

*This product is sold only for research use by qualified laboratory personnel, and is not to be used as a drug, medical device, food additive, cosmetic, nor household chemical. It is not to be used in diagnostic, therapeutic, consumer, agricultural, nor pesticidal applications.*

Manufacturer's Name: Stressgen Bioreagents Corporation  
Street Address: 5777 Hines Drive  
City, State, Zip Code: Ann Arbor, MI 48108 USA  
Phone: (800) 833-8651 (Toll Free in North America)  
Fax: (734) 668-2793

## Section 2 - Hazardous Ingredients

The physical, chemical and toxicological properties of these components have not been fully investigated. It is recommended that all laboratory personnel follow standard laboratory safety procedures when handling this product. Safety procedures should include wearing OSHA approved safety glasses, gloves and protective clothing. Direct physical contact with this product should be avoided.

<u>Known Hazardous Components</u>	<u>CAS Number</u>	<u>Percent</u>
Sodium Azide	26628-22-8	0.05

## Section 3 - Physical Data

This product consists of purified goat immunoglobulin in sodium phosphate supplemented with bovine serum albumin and containing 0.05% sodium azide. It is a clear, colorless solution which is shipped on gel packs (dry ice overseas). The physical properties of this product have not been investigated thoroughly.

## Section 4 - Fire and Explosion Hazard

NOT APPLICABLE

## Section 5 - Reactivity Data

NOT APPLICABLE

## Section 6 - Toxicological Properties

May be harmful by inhalation, ingestion, or skin absorption. The toxicological properties of this product have not been investigated thoroughly. Exercise due caution.

## Section 7 - Preventative Measures

Wear chemical safety goggles and compatible chemical-resistant gloves. Avoid inhalation, contact with eyes, skin or clothing.

\*\*\*\*\*MULTIPLE COMPONENT SPILL OR LEAK PROCEDURES\*\*\*\*\*

- Wear protective equipment.
- Absorb on sand or vermiculite and place in closed containers for disposal.
- Dispose or mix the material with a combustible solvent and burn in a chemical incinerator equipped with an afterburner and scrubber. Observe all federal, state and local environmental regulations.

## Section 8 - First Aid Measures

- If swallowed, wash out mouth with water, provided person is conscious. Call a physician.
- In case of skin contact, flush with copious amounts of water for at least 15 minutes. Remove contaminated clothing and shoes. If a rash or other irritation develops, call a physician.
- If inhaled, remove to fresh air. If breathing becomes difficult, call a physician.
- In case of eye contact, flush with copious amounts of water for at least 15 minutes while separating the eyelids with fingers. Call a physician.

## Section 9 - Preparation

Prepared by: SBC	Phone#: (734) 668-6113 Toll Free in North America: (800) 833-8651	Created: 04/17/02	Modified: 07/12/06
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The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. Stressgen shall not be held liable for any damage resulting from handling or from contact with the above product. See the Technical Specification, Packing Slip, Invoice, and Product Catalogue for additional terms and conditions of sale.

