

# Goat IgG-heavy and light chain Antibody

*Affinity Purified*

*Produced in Rabbit*

## Catalog No.

A50-100A



**Storage:** 2 - 8 C  
**Amount:** 1.0 ml at 1.0 mg/ml  
**Buffer:** Phosphate Buffered Saline containing 0.09% Sodium Azide  
**Shelf Life:** 2 years from date of receipt  
**Production Procedures:** The antibody was isolated by affinity chromatography using antigen coupled to agarose beads. Antibody concentration was determined by extinction coefficient: absorbance at 280 nm of 1.4 equals 1.0 mg of IgG.

By immunoelectrophoresis and ELISA this antibody reacts specifically with goat IgG and with light chains common to other goat immunoglobulins. No antibody was detected against non-immunoglobulin serum proteins. This antibody may cross react with IgG from other species.

**Country of Origin:** USA

**Notes:** For In vitro laboratory use only. Not for any clinical, therapeutic, or diagnostic use in humans or animals. Not for animal or human consumption.

**This product may not be resold or modified for resale without the prior written approval of Bethyl Laboratories, Inc.**

**Applications:** Not all listed applications have been specifically tested. Optimal working dilutions should be determined experimentally by the investigator. Prepare working dilutions immediately before use. Suggested starting dilutions are:

### ELISA

Coating: 1:100 – 1:500  
Primary: 1:1000 – 1:30,000

### Western Blots

Colorimetric: 1:1,000 – 1:10,000  
Chemiluminescent: 1:1,000 - 1:30,000

Immunohistochemistry: 1:200 – 1:2,000

Immunocytochemistry: 1:200 – 1:2,000

In some cases, the antibody may be diluted further than indicated.

**Related Products:**

Rabbit anti-Goat IgG-heavy and light chain Antibody Alkaline Phosphatase Conjugated	A50-100AP
Rabbit anti-Goat IgG-heavy and light chain Antibody Biotinylated	A50-100B
Rabbit anti-Goat IgG-heavy and light chain Antibody FITC Conjugated	A50-100F
Rabbit anti-Goat IgG-heavy and light chain Antibody HRP Conjugated	A50-100P
Donkey anti-Goat IgG-heavy and light chain Antibody Affinity Purified	A50-101A
Donkey anti-Goat IgG-heavy and light chain Antibody Alkaline Phosphatase Conjugate	A50-101AP
Donkey anti-Goat IgG-heavy and light chain Antibody FITC Conjugated	A50-101F
Donkey anti-Goat IgG-heavy and light chain Antibody HRP Conjugated	A50-101P

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## **MATERIAL SAFETY DATA SHEET**

### **Contents Description**

This product contains Rabbit immunoglobulin G (IgG) protein in Phosphate Buffered Saline containing 0.09% Sodium Azide.

### **Hazardous Ingredients**

Rabbit IgG Protein - No known toxicity for this biological material.

Sodium Azide ( $\text{NaN}_3$ ) - AZIDE FORMS EXPLOSIVE CHEMICAL COMPOUNDS WITH LEAD AND COPPER PLUMBING. CARE MUST BE TAKEN TO WASH WASTE DOWN DRAINS WITH LARGE VOLUMES OF WATER.

LD50 oral mouse - 27 mg/kg.

Wash all affected areas with large volumes of water and if swallowed consult your physician immediately.

The above information is believed to be correct but does not purport to be all-inclusive and is intended to be used only as a guide. Bethyl Laboratories, Inc. shall not be liable or responsible in any way for use of either this information or the material supplied. Disposal of hazardous material may be subject to federal, state, or local laws or regulations.