

# Goat IgG-heavy and light chain Antibody

*Affinity Purified*

*FITC conjugated*

*Produced in Chicken*



## Catalog No.

A200-116F

**Storage:** 2 - 8 C

**Amount:** 1 ml at 1 mg/ml

**Buffer:** Phosphate Buffered Saline containing 0.09% Sodium Azide

**Shelf Life:** 1 year from date of receipt

**Production Procedures:** The antibody was isolated by affinity chromatography using antigen coupled to agarose beads and conjugated to fluorescein isothiocyanate (FITC).

Antibody concentration was determined by extinction coefficient prior to conjugation: absorbance at 280 nm of 1.4 equals 1.0 mg of IgG.

F/P ratio is 4.67.

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:

Immunohistochemistry: 1:200 – 1:2,000

Immunocytochemistry: 1:200 – 1:2,000

Flow Cytometry: not tested

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

## Related Products:

Chicken anti-Goat IgG-heavy and light chain Antibody Affinity Purified	A200-116A
Chicken anti-Goat IgG-heavy and light chain Antibody HRP Conjugated	A200-116P

**Catalog No.**

A200-116F

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## **MATERIAL SAFETY DATA SHEET**

### **Contents Description**

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

### **Hazardous Ingredients**

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

Bovine Serum Albumin (BSA) - No known toxicity for this biological material. (Applies only to buffers containing BSA.)

Fluorescein isothiocyanate (FITC) - Harmful if inhaled, swallowed or absorbed through skin. In case of contact with eyes or skin immediately rinse with large volumes of water.

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.