

# Chicken IgG-heavy and light chain Antibody

*Affinity Purified*

*Produced in Goat*

**Catalog No.**

A30-106A



**Storage:** 2 - 8 C

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

**Buffer:** Phosphate Buffered Saline, pH 7.2 containing 0.1% 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. 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 chicken IgG and with light chains common to other chicken 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:**

Goat anti-Chicken IgG-heavy and light chain Antibody Alkaline Phosphatase Conjugate	A30-106AP
Goat anti-Chicken IgG-heavy and light chain Antibody Biotinylated	A30-106B
Goat anti-Chicken IgG-heavy and light chain Antibody FITC Conjugated	A30-106F
Goat anti-Chicken IgG-heavy and light chain Antibody HRP Conjugated	A30-106P
Rabbit anti-Chicken IgG-heavy and light chain Antibody Affinity Purified	A30-107A
Rabbit anti-Chicken IgG-heavy and light chain Antibody FITC Conjugated	A30-107F
Rabbit anti-Chicken IgG-heavy and light chain Antibody HRP Conjugated	A30-107P
Chicken Reference Serum	RS10-102

**Product References:** Froman et al., Biol.Reprod. 61 400-405, 1999.

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## **MATERIAL SAFETY DATA SHEET**

### **Contents Description**

This product contains Goat immunoglobulin G (IgG) protein in Phosphate Buffered Saline, pH 7.2 containing 0.1% Sodium Azide.

### **Hazardous Ingredients**

Goat 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.