

# Chicken IgG (IgY)-heavy and light chain Antibody

minimum reactivity to bovine, horse, human, mouse, pig, rabbit &

Alkaline Phosphatase conjugated

*Produced in Goat*

*Whole IgG*

**Catalog No.**

A30-206AP



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<b>Storage:</b>	2 - 8 C
<b>Amount:</b>	1 ml at 0.5 mg/ml
<b>Buffer:</b>	50 mM HEPES pH 7.1, 0.1 M NaCl, 1 mM MgCl <sub>2</sub> , 0.1 mM ZnCl <sub>2</sub> containing 0.2% BSA and 0.09% NaN <sub>3</sub>
<b>Shelf Life:</b>	1 year from date of receipt
<b>Physical State:</b>	Liquid
<b>Purity:</b>	Antigen Affinity Purified
<b>Production Procedures:</b>	Antiserum was cross adsorbed using bovine, horse, human, mouse, pig, rabbit and rat immunosorbents to remove cross reactive Antibodies. The antibody to chicken IgG was isolated by affinity chromatography using antigen coupled to agarose beads and conjugated to alkaline phosphatase (alkphos).

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. Less than 0.1% cross reactivity to bovine, goat, horse, human, mouse, pig, rabbit and rat IgG was detected. 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: 1:5,000 – 1:50,000

Western Blot: 1:5,000 – 1:50,000

Immunohistochemistry: 1:100 - 1:1,000

Immunocytochemistry: 1:100 - 1:1,000

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

**Related Products:** Goat anti-Chicken IgG (IgY)-heavy and light chain cross-adsorbed Antibody Affinity P A30-206A  
Goat anti-Chicken IgG (IgY)-heavy and light chain cross-adsorbed Antibody Biotinylat A30-206B  
Goat anti-Chicken IgG (IgY)-heavy and light chain cross-adsorbed Antibody FITC Con A30-206F  
Goat anti-Chicken IgG (IgY)-heavy and light chain cross-adsorbed Antibody HRP Conj A30-206P

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## **MATERIAL SAFETY DATA SHEET**

### **Contents Description**

This product contains Alkaline Phosphatase conjugated Goat Whole IgG protein in 50 mM HEPES pH 7.1, 0.1 M NaCl, 1 mM MgCl<sub>2</sub>, 0.1 mM ZnCl<sub>2</sub> containing 0.2% BSA and 0.09% NaN<sub>3</sub>.

### **Hazardous Ingredients**

Goat Whole IgG - No known toxicity for this biological material.

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

Alkaline Phosphatase - No known toxicity for this calf intestine material.

Sodium Azide (NaN<sub>3</sub>) - 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.