

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

minimum reactivity to bovine, goat, horse, human, mouse, pig and rat

HRP conjugated

*Produced in Rabbit*

*Whole IgG*

**Catalog No.**

A30-207P



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<b>Storage:</b>	2 - 8 C
<b>Amount:</b>	1 ml at 0.5 mg/ml
<b>Buffer:</b>	Phosphate Buffered Saline (PBS) containing 0.2% BSA and 0.1% Pro-Clean 400
<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, goat, horse, human, mouse, pig 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 horseradish peroxidase (HRP).

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:** Centrifuge tube to remove product from lid.

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: 1:10,000 – 1/100,000

Western Blots

Colorimetric: 1:5,000 - 1:30,000

Chemiluminescent: 1:1,000 - 1:30,000

Immunohistochemistry: 1:200 - 1:5,000

Immunocytochemistry: 1:200 - 1:5,000

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

**Related Products:** Rabbit anti-Chicken IgG (IgY)-heavy and light chain cross-adsorbed Antibody Affinity A30-207A  
Rabbit anti-Chicken IgG (IgY)-heavy and light chain cross-adsorbed Antibody DyLight A30-207D2  
Rabbit anti-Chicken IgG (IgY)-heavy and light chain cross-adsorbed Antibody DyLight A30-207D3  
Rabbit anti-Chicken IgG (IgY)-heavy and light chain cross-adsorbed Antibody DyLight A30-207D4  
Rabbit anti-Chicken IgG (IgY)-heavy and light chain cross-adsorbed Antibody DyLight A30-207D5  
Rabbit anti-Chicken IgG (IgY)-heavy and light chain cross-adsorbed Antibody FITC Co A30-207F

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## **MATERIAL SAFETY DATA SHEET**

### **Contents Description**

This product contains HRP conjugated Rabbit Whole IgG protein in Phosphate Buffered Saline (PBS) containing 0.2% BSA and 0.1% Pro-Clean 400.

### **Hazardous Ingredients**

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

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

Horseradish peroxidase (HRP) - No known toxicity for this plant material.

Pro-Clean 400 – Liquid and mist may cause severe burns to all body tissue. May be fatal if swallowed or contacted with skin. Harmful if inhaled, affects teeth. Wash all affected areas with large volumes of water. If swallowed, give 2 glasses of water to drink and consult your physician immediately. If inhaled remove to fresh air. If necessary, give artificial respiration by mouth-to-mouth. Alternate Names: ProClin™ 300, Kathon™ CG

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.