

# Mouse IgG-heavy and light chain cross adsorbed Antibody

*Affinity Purified*

*Alkaline Phosphatase conjugated*

*Produced in Goat*

**Catalog No.**

A90-216AP



**Storage:** 2 - 8 C  
**Amount:** 1 ml at 0.5 mg/ml  
**Buffer:** 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>  
**Shelf Life:** 1 year from date of receipt

**Production Procedures:** Antiserum was cross adsorbed using bovine, chicken, horse, pig & rabbit immunosorbents to remove cross reactive Antibodies. The antibody to mouse 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 mouse IgG and with light chains common to other mouse immunoglobulins. No antibody was detected against non-immunoglobulin serum proteins. Less than 0.1% cross reactivity to bovine, chicken, goat, horse, human, pig & rabbit 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: 1:500 – 1:5000  
Western Blot: 1:200 – 1:1000  
Immunohistochemistry: 1:200 – 1:500  
Immunocytochemistry: 1:200 – 1:500

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

<b>Related Products:</b>	Goat anti-Mouse IgG-heavy and light chain Antibody Affinity Purified	A90-116A
	Goat anti-Mouse IgG-heavy and light chain Antibody Alkaline Phosphatase Conjugate	A90-116AP
	Goat anti-Mouse IgG-heavy and light chain Antibody Biotinylated	A90-116B
	Goat anti-Mouse IgG-heavy and light chain Antibody FITC Conjugated	A90-116F
	Goat anti-Mouse IgG-heavy and light chain Antibody HRP Conjugated	A90-116P
	Goat anti-Mouse IgG-heavy and light chain cross-adsorbed Antibody Affinity Purified	A90-216A
	Goat anti-Mouse IgG-heavy and light chain cross-adsorbed Antibody FITC Conjugated	A90-216F
	Goat anti-Mouse IgG-heavy and light chain cross-adsorbed Antibody HRP Conjugated	A90-216P
	Mouse Reference Serum	RS10-101

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A90-216AP

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## **MATERIAL SAFETY DATA SHEET**

### **Contents Description**

This product contains Alkaline Phosphatase conjugated Goat immunoglobulin G (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 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.