

Mouse IgG-heavy and light chain cross-adsorbed Antibody

Affinity Purified

Produced in Goat

Catalog No.

A90-216A



Storage: 2 - 8 C
Amount: 1 ml at 0.5 mg/ml
Buffer: Phosphate Buffered Saline containing 0.1% Sodium Azide
Shelf Life: 2 years from date of receipt

Production Procedures: Antiserum was cross adsorbed using bovine, chicken, horse, human, pig and rabbit immunosorbents to remove cross reactive Antibodies. The antibody to mouse IgG 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 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 and 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

Coating: 1:50 – 1:250
Primary: 1:1000 – 1:20,000

Western Blots

Colorimetric: 1:500 – 1:5,000
Chemiluminescent: 1:1,000 - 1:30,000

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-Mouse IgG-heavy and light chain Antibody Affinity Purified	A90-116A
Goat anti-Mouse IgG-heavy and light chain Antibody Alkaline Phosphatase Conjugated	A90-116AP
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 Alkaline Phosphat	A90-216AP
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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MATERIAL SAFETY DATA SHEET

Contents Description

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

Hazardous Ingredients

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

Sodium Azide (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.