

Mouse IgG-heavy and light chain Antibody

Affinity Purified

HRP conjugated

Produced in Goat

Catalog No.

A90-116P



Storage: 2 - 8 C
Amount: 1 ml at 1 mg/ml
Buffer: Phosphate Buffered Saline (PBS) containing 0.2% BSA and 0.1% Pro-Clean 400
Shelf Life: 1 year from date of receipt

Production Procedures: The antibody was isolated by affinity chromatography using antigen coupled to agarose beads and conjugated to horseradish peroxidase (HRP).

Antibody concentration was determined by extinction coefficient prior to conjugation: absorbance at 280 nm of 1.4 equals 1.0 mg of IgG. Molar enzyme/antibody protein ratio is 4:1.

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. 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: 1:1,000 – 1:10,000

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

Immunohistochemistry: 1:200 – 1:500

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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 Biotinylated	A90-116B
Goat anti-Mouse IgG-heavy and light chain Antibody FITC Conjugated	A90-116F
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 Alkaline Phosphatase Conjugated	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

Product References: Kalina et al., Vaccine 22 (11-12):1465-1474, 2004.
Bajer et al., J.Leukoc.Biol. 73 100-106, 2003.
Matsui et al., Infect.Immun. 71 30-39, 2003.

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MATERIAL SAFETY DATA SHEET

Contents Description

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

Hazardous Ingredients

Goat IgG Protein - 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.