

**Mouse IgG₃
Antibody
Affinity Purified**

Produced in Goat

Catalog No. **Size**
A90-111A 1 ml



Conditions

Storage: 2 - 8⁰ C

Antibody Concentration: 1 mg/ml

Physical State: Liquid

Buffer: 0.01 M Tris, 0.15 M NaCl, pH 7 – 7.2

Preservative: 0.1% Sodium Azide

Shelf life: 2 years from date of receipt

Production Procedures

Antiserum was solid phase adsorbed to ensure subclass specificity. The antibody 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 IgG₃. Cross reactivity with other immunoglobulins is less than 2%.

This antibody may cross react with IgG₃ from other species.

Notes

Country of Origin: USA

For use in Research and Manufacturing only; not for use in diagnostic applications.

Applications

Optimal working dilutions should be determined experimentally by the investigator. Prepare working dilution immediately before use. Suggested starting dilutions are as follows.

ELISA

Coating: 1:100 – 1:1,000

Primary: 1:1000 – 1:30,000

Western Blot

Colorimetric detection: 1:1,000 – 1:10,000

Chemiluminescent detection: 1:1,000 – 1:30,000

Histo/Cytochemistry: 1:200 – 1:2,000

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

Related Products

G x-Mouse IgG ₃ alkphos conjugated	A90-111AP
G x-Mouse IgG ₃ FITC conjugated	A90-111F
G x-Mouse IgG ₃ HRP conjugated	A90-111P
Mouse IgG ₃ ELISA kit	E90-111
Mouse Reference Serum	RS10-101

G = Goat

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MATERIAL SAFETY DATA SHEET

Contents Description

This product contains goat immunoglobulin G (IgG) protein in 0.01 M Tris, 0.15 M NaCl, pH 7 – 7.2 with 0.1% Sodium Azide (NaN₃).

Hazardous Ingredients

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

Sodium Azide (NaN₃) - 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.

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