



Meridian

Life Science,® Inc.

Innovative Solutions. Trusted Partner.®

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CERTIFICATE OF ANALYSIS

Important Note: Centrifuge before opening to ensure complete recovery of vial contents.

Catalog #: W99062G **Lot #:** 1C07416

Description: Goat anti Mouse IgG (H&L)
Goat Antibody to Mouse Immunoglobulin G (IgG), Heavy & Light Chains
Fluorescein Conjugated

Specificity: Based on immunoelectrophoresis, the antibody reacts with the heavy chains on mouse IgG and with light chains common to most mouse immunoglobulins. No antibody was detected against non-immunoglobulin serum proteins. Has been tested by ELISA and/or solid-phase adsorbed to ensure minimal cross-reaction with human, bovine, and horse serum proteins, but antibodies may cross-react with immunoglobulins from other species.

Host Animal: Goat

Immunogen: Mouse IgG (H&L)

Format: FITC, Lyophilized
Reconstitute with 1.1 mL distilled water. Centrifuge product if it is not completely clear after standing for 1-2 hours at room temperature. To judge clarity, draw product into a clean pasteur pipette.

Purification: Immunoaffinity chromatography using antigens coupled to agarose beads.
Fluorophore/Protein: 8.9 µg/mg, 3.3moles FITC per mole IgG.

Concentration: 1.5 mg/mL (prior to lyophilization).

Buffer: Lyophilized from 0.01 M Sodium Phosphate, 0.25 M Sodium Chloride, pH 7.6 containing 15 mg/mL BSA.

Preservative: 0.05% Sodium Azide (prior to lyophilization).

Applications: A dilution range of 1:50 to 1:200 is recommended for most applications. Each laboratory should determine an optimum working titer for use in its particular application. Other applications have not been tested but use in such assays should not necessarily be excluded.

Storage: Store lyophilized product at 2-8°C. After reconstitution, product is stable for several weeks at 2-8°C as an undiluted liquid. Prepare working dilution only prior to immediate use. For extended storage after reconstitution, we suggest the addition of an equal volume of glycerol to make a final glycerol concentration of 50% followed by storage at -70°C with or without aliquoting. Please note that the concentration of protein and buffer salts will decrease to one-half of the original after the addition of glycerol. Expiration date is 1 year from date of reconstitution.

Warnings: This product contains sodium azide, which has been classified as Xn (Harmful), in European Directive 67/548/EEC in the concentration range of 0.1 – 1.0 %. When disposing of this reagent through lead or copper plumbing, flush with copious volumes of water to prevent azide build-up in drains.

14 Mar 2016

Signature

Date

FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY