

CERTIFICATE OF ANALYSIS

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

Catalog #: W99613B **Lot #:** 21K31117

Description: Goat anti Rabbit IgG (Fc)
Goat Antibody to Rabbit Immunoglobulin G (IgG), Fc Specific

Specificity: Based on Immuno-electrophoresis, the antibody reacts with the heavy chains on rabbit IgG but not with the light chains on most rabbit immunoglobulins. No antibody was detected against non-immunoglobulin serum proteins, but the antibody may cross-react with immunoglobulins from other species.

Host Animal: Goat

Format: Biotin, Lyophilized
Reconstitute in 2 mL distilled water. Centrifuge product if solution is not clear after reconstitution. To judge clarity, draw product into a pasteur pipette.

Purification: Isolated from antisera By Immunoaffinity chromatography using antigens coupled to agarose beads.

Concentration: 1.2 mg/mL (prior to lyophilization).

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

Preservative: 0.05% Sodium Azide

Applications: A working dilution of 1:20,000-1:400,000 is suggested for ELISA and Western Blotting using enzyme-conjugated streptavidin, 1:500-1:5,000 for enzyme Immunohistochemistry on tissue sections and 1:200-1:1,000 for Flow Cytometry and Fluorescence Immunohisto/Cytochemistry. 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 (ACS or better grade) to make a final glycerol concentration of 50% followed by storage at -20°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 one year from date of reconstitution.

Safety Note(s): Refer to the appropriate Safety Data Sheet (SDS) for additional information.

Brenda Dunn

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FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY