

CERTIFICATE OF ANALYSIS

Important Note:	Centrifuge before opening to ensure complete recovery of vial contents.		
Catalog #:	W99180B	Lot #:	16K31117
Description:	Goat anti Mouse IgG (Fc) Goat Antibody to Mouse Immunoglobulin G (IgG), Fc-gamma Fragment Specific Biotin Conjugated		
Specificity:	Based on immunoelectrophoresis, the antibody reacts with the heavy chains on mouse IgG but not with the light chains on most mouse immunoglobulins. No antibody was detected against mouse IgM, or against non-immunoglobulin serum proteins, but antibodies may cross react with immunoglobulins from other species.		
Host Animal:	Goat		
Immunogen:	Mouse IgG Fc fragments.		
Format:	Biotin, Lyophilized Reconstitute with 2 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.		
Concentration:	1.6 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		
Applications:	A dilution range 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 six 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.		

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FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY