

Goat anti-Mouse IgG/Biotin*

CATALOG#: 234-010

QUANTITY: 0.5 ml

RECOMMENDED WORKING DILUTION: 1:60 (Use 50 µl per 5 x 10⁵-cell test)

INFORMATION: Goat anti-Mouse/FITC is reactive with Mouse Ig subclasses: G1, G2a, G2b, G3. It also reacts well with all Ansell Mouse IgM antibodies.

STORAGE CONDITIONS: *Store at 2 - 5°C.* Freeze/thawing not recommended.

PRODUCT STABILITY: Product should retain activity for at least 12 months after shipping date when stored as recommended. Ship Date: _____

BUFFER: 30 mM Sodium Phosphate pH 7.5, 150 mM NaCl, 50 mM KCl, 0.6% BSA, 2.5% Glycerol, 0.06% NaN₃ (as a preservative).

PRODUCTION: Antiserum was obtained from goats immunized with purified mouse IgG, and polyclonal antibody was purified by immunospecific affinity chromatography. Nonspecific binding was reduced by adsorption to human serum proteins. The prep was then reacted with NHS-Biotin. Unconjugated FITC was removed from conjugate using extensive dialysis. Antibody conjugate is at approximately 0.2 mg/ml.

PERFORMANCE: When used as a second step reagent in Flow cytometry, optimal resolution between signal and background with Ansell Mouse anti-Human antibodies was obtained using 50µl of a 1:60 dilution of product to stain 5 x 10⁵ cells, followed by a 3⁰ incubation with Streptavidin R-Phycoerythrin (Catalog #253-050). Cells types tested: Ficoll human peripheral blood lymphocytes, CEM, and Nalm-6.

**This Product is intended for Laboratory Research use only.*