

PRODUCT DATA SHEET



Mouse anti-Goat IgG(H & L)-FITC

Product: Fluorescein (FITC)-conjugated AffiniPure Mouse Anti-Goat IgG (H+L) (minimal cross-reaction to Mouse, Human, and Rabbit Serum Proteins)

Code Number: BS20509

Quantity: 100ul

Antibody Concentration: 1.4 mg/ml

Suggested Dilution Range: 1:50 -1:200 for most applications

Fluorophore: Fluorescein Isothiocyanate (FITC)

Fluorophore/Protein : 7.1 µg/mg; 2.7 moles FITC per mole IgG

Buffer: 0.01M Sodium Phosphate, 0.25M NaCl, pH 7.6

Stabilizer: 15 mg/ml Bovine Serum Albumin (IgG-Free, Protease-Free)

Preservative: 0.05% Sodium Azide

Reconstitution and Storage : Centrifuge product if the solution is not clear after reconstitution. To judge clarity, draw product into a clean pasteur pipette. Product is stable for about 6 weeks at 2-8°C as an undiluted liquid. Storing the product for more than one day at final working dilutions is not recommended. For extended storage as a liquid, add an equal volume of glycerol (ACS or better grade) for a final concentration of 50% followed by storage at -20°C. Please note that the concentration of protein and buffer salts will be one-half of the original after the addition of glycerol.

Expiration date: one year from date of reconstitution.

Purity: The antibody was isolated from antisera by immunoaffinity chromatography using antigens coupled to agarose beads.

Antibody Specificity : Based on immunoelectrophoresis, the antibody reacts with the heavy chains on goat IgG and with the light chains common to most goat immunoglobulins. No antibody was detected against non-immunoglobulin serum proteins. This product exhibits minimal inherent cross-reactivity to mouse serum proteins. This antibody has been tested by ELISA and/or solid-phase adsorbed to ensure minimal cross-reaction with mouse, human, and rabbit serum proteins, but the antibody may cross-react with immunoglobulins from other species.

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