**PRODUCT DATA SHEET**

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

**Product:** Fluorescein (FITC)-conjugated AffiniPure Goat Anti-Mouse IgG (H+L)

**Code Number:** BS50950

**Quantity:** 100ul

**Antibody Concentration:** 1 mg/ml

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

**Fluorophore:** Fluorescein-5-isothiocyanate(FITC-isomer 1)
Amax=492nm;Emax=520nm

**Fluorophore/Protein:** 9.5ug/mg; 3.6 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 :** Product is stable for about 6 weeks at 2-8℃ as an undiluted liquid. Prepare working dileuion fresh each day.For extended storage after rehydration,add an equal volume of glycerol(ACS grade or better)for a final concentration of 50 %,and store at -20℃ as a liguid.Note:after the addition of glycerol,the concentration of protein and buffer salts is one-half of the original. Altematively,aliquot and freeze the product at -70℃ or below in the absence of glycerol.Avoid repeated freezing and thawing.

**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 and/or ELISA, the antibody reacts with whole molecule mouse IgG.It also reacts with the light chains of other mouse immunoglobuins.NO antibody was detected against non- immunoglobulin serum proteins.The antibody may cross-react with immunoglobulins from other species.


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