

## PRODUCT DATA SHEET

---



# Rabbit anti-Sheep IgG(H & L)-FITC

**Product:** Fluorescein (FITC)-conjugated AffiniPure Rabbit Anti-Sheep IgG (H+L)

**Code Number:** BS30950

**Quantity:** 100ul

**Antibody Concentration:** 1 mg/ml

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

**Fluorophore:** Fluorescein Isothiocyanate (FITC)

**Fluorophore/Protein :** 8.4 µg/mg; 3.2moles 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 sheep IgG and with the light chains common to most sheep immunoglobulins. No antibody was detected against non-immunoglobulin serum proteins, but the antibody may cross-react with immunoglobulins from other species.

**Warning: Bovine serum albumin(BSA) and dry milk may contain IgG. Secondary antibodies directed against bovine, goat, horse, or sheep react with bovine IgG, Therefore, use of BSA or milk to block or dilute these antibodies may significantly increase background and/or reduce antibody titer. For blocking, normal serum(4~5% v/v) from the host species of the labeled secondary antibody is recommended.**

---

**Bioworld Technology CO., Ltd.**

8201 Central Ave NE Suite O Minneapolis, MN 55432 USA. Tel: 6123263284

[www.bioworld.com](http://www.bioworld.com) Orders: [order@bioworld.com](mailto:order@bioworld.com) Support: [support@bioworld.com](mailto:support@bioworld.com)

**For Research Use Only**