Product Specification Sheet

**Product:**  "Texas Red™ Conjugated Affinity Purified anti-Rabbit IgG [H&L] [Sheep] Minimum Cross Reactivity to Bovine, Chicken, Goat, Guinea Pig, Horse, Human, Mouse, Rat and Sheep Serum Proteins

**Code:**  611-609-122

**Lot #**  11450

**Size:**  1.0 mg

**Physical State:**  Lyophilized

**Antibody Concentration:**  1.0 mg/ml (by UV absorbance at 280 nm)

**Label:**  Texas Red™ Sulfonyl Chloride (Molecular Weight 625 daltons)

**Absorption Wavelength:**  596 nm  
**Emission Wavelength:**  620 nm

**Fluorochrome/Protein Ratio:**  4.0 moles Texas Red™ per mole of Goat IgG

**Buffer:**  0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2

**Stabilizer:**  10 mg/ml Bovine Serum Albumin (BSA) IgG and Protease free

**Preservative:**  0.01% (w/v) Sodium Azide

**Application(s):**  Suitable for immunomicroscopy and flow cytometry or FACS analysis as well as other antibody based fluorescent assays requiring lot-to-lot consistency.

**Recommended Dilution(s):**  Not specified. Optimal titers for applications should be determined by the researcher.

**Storage Conditions:**  Store vial at 4° C prior to restoration. Restore with 1.0 ml of deionized water (or equivalent). Aliquot contents and freeze at -20° C or below. Avoid cycles of freezing and thawing. Centrifuge product if not completely clear after standing at room temperature. This product is stable for several weeks at 4° C as an undiluted liquid. Dilute only prior to immediate use. Expiration date is one (1) year from date of restoration.

**Purity:**  This product was prepared from monospecific antiserum by immunoaffinity chromatography using Rabbit IgG coupled to agarose beads followed by solid phase adsorption(s) to remove any unwanted reactivities. Assay by immunoelectrophoresis resulted in a single precipitin arc against anti-Sheep Serum, Rabbit IgG and Rabbit Serum. No reaction was observed against Bovine, Chicken, Goat, Guinea Pig, Horse, Human, Mouse, Rat and Sheep Serum Proteins.

**Immunogen:**  Rabbit IgG whole molecule


*Texas Red™ is a registered trademark of Molecular Probes Inc.

**Note:**  This product is for research use only and is not intended for therapeutic or diagnostic applications. Please contact a technical service representative for more information.