

Polyclonal Antibody to Hamster IgG [H&L]-Cy3-

Alternate names:	Hamster Immunoglobulin G
Catalog No.:	R1437C3
Quantity:	1 mg
Concentration:	1.0 mg/ml (by UV absorbance at 280 nm)
Host:	Goat
Immunogen:	Golden Syrian Hamster IgG, whole molecule
Format:	State: Lyophilized purified Ig fraction Purification: Immunoaffinity chromatography. Buffer System: 0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2 containing 0.01% (w/v) Sodium Azide as preservative and 10 mg/ml Bovine Serum Albumin (BSA, IgG and Protease free) as stabilizer. Label: Cy3 – (Molecular Weight 949 daltons) <i>Absorption / Emission:</i> 489 nm / 505 nm <i>Molar Ratio:</i> 6.1 moles Cy3 per mole of Goat IgG (acceptable range 6-20). Reconstitution: Restore with 1.0 ml of deionized water (or equivalent).
Applications:	Suitable for Immunomicroscopy (1:100-1:1,000) and Flow Cytometry (1:200-1:400) or FACS analysis as well as other antibody based fluorescent assays requiring lot-to-lot consistency. Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
Specificity:	This product was prepared from monospecific antiserum by Immunoaffinity chromatography using Golden Syrian Hamster IgG coupled to agarose beads followed by solid phase adsorption(s) to remove any unwanted reactivities and extensive dialysis against the buffer stated above. Assay by Immunoelectrophoresis resulted in a single precipitin arc against anti-Goat Serum, Golden Syrian Hamster IgG and Golden Syrian Hamster Serum. No reaction was observed against Bovine, Chicken, Goat, Guinea Pig, Horse, Human, Mouse, Rabbit, Rat and Sheep Serum Proteins. Greatly reduced reactivity will occur against Armenian Hamster IgG.
Storage:	Store vial at 2-8°C prior to restoration. For extended storage mix with glycerol to 50% and then aliquot contents and freeze at -20°C or below. Centrifuge product if not completely clear after standing at room temperature. This product is stable for one month at 2-8°C as an undiluted liquid. Dilute only prior to immediate use. Avoid repeated freezing and thawing. Shelf life: one year from despatch.