

Polyclonal Antibody to Goat IgG [H&L]-Cy5-

Alternate names:	Goat Immunoglobulin G
Catalog No.:	R1435C5
Quantity:	1 mg
Concentration:	1.0 mg/ml (by UV absorbance at 280 nm)
Host:	Donkey
Immunogen:	Goat IgG whole molecule.
Format:	State: Lyophilized purified Ig fraction. Purification: Immunoaffinity Chromatography. Buffer System: 0.02M Potassium Phosphate, 0.15M Sodium Chloride, pH 7.2 and conjugated to Cy5.29 (Cyanine 5.29-OSu) containing 0.01% (w/v) Sodium Azide as preservative and 10 mg/ml BSA (IgG and Protease free) as stabilizer. Label: Cy5 – 29 (Cyanine 5.29-OSu) (Molecular Weight 975 daltons) <i>Absorption / Emission:</i> 650 nm / 667 nm <i>Molar Ratio:</i> 12.5 moles Cy5 per mole of Donkey IgG. Reconstitution: Restore with 1.0 ml of deionized water (or equivalent).
Applications:	Suitable for Immunomicroscopy and Flow Cytometry or FACS analysis as well as other antibody based fluorescent assays requiring lot-to-lot consistency. <i>Recommended Dilutions:</i> Immunofluorescence: 1/100-1/1,000. Flow Cytometry: 1/200-1/400. 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 Goat 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-Donkey Serum, Goat IgG and Goat Serum. No reaction was observed against Chicken, Guinea Pig, Hamster, Horse, Mouse, Rabbit and Sheep Serum Proteins.
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.
General Readings:	1. Modified from GE Healthcare Bio-Sciences Corp., Piscataway, NJ.