

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

Alternate names:	Chicken Immunoglobulin G, Chicken Immunoglobulin Y
Catalog No.:	R1434C5
Quantity:	1 mg
Concentration:	1.0 mg/ml (by UV absorbance at 280 nm)
Host:	Goat
Immunogen:	Chicken IgG, whole molecule
Format:	<p>State: Lyophilized purified IgG fraction.</p> <p>Purification: Immunoaffinity chromatography.</p> <p>Buffer System: 0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2, containing 10 mg/ml Bovine Serum Albumin (BSA, IgG and Protease free) as stabilizer and 0.01% (w/v) Sodium Azide as preservative.</p> <p>Label: Cy5 – 29 (Cyanine 5.29-OSu) (Molecular Weight 975 daltons)</p> <p><i>Absorption / Emission:</i> 650 nm / 667 nm</p> <p><i>Molar Ratio:</i> 17.6 moles Cy5 per mole of Goat IgG</p> <p>Reconstitution: Restore with 1.0 ml of deionized water or equivalent.</p>
Applications:	<p>Suitable for Immunomicroscopy and Flow cytometry or FACS analysis as well as other antibody based fluorescent assays requiring lot-to-lot consistency.</p> <p><u>Recommended dilutions:</u></p> <p>Flow cytometry: 1/200-1/400</p> <p>Immunofluorescence microscopy: 1/100-1/1,000.</p> <p>Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.</p>
Specificity:	<p>This product was prepared from monospecific antiserum by immunoaffinity chromatography using Chicken IgG coupled to agarose beads followed by solid phase adsorption(s) to remove any unwanted reactivities and extensive dialysis against the buffer stated above.</p> <p>Assay by immunoelectrophoresis resulted in a single precipitin arc against anti-Goat Serum, Chicken IgG and Chicken Serum.</p> <p>No reaction was observed against Bovine, Goat, Guinea Pig, Hamster, Horse, Human, Mouse, Rabbit, Rat and Sheep Serum Proteins.</p>
Storage:	<p>Store vial at 2-8°C. Restore with deionized water (or equivalent). centrifuge product if not completely clear after standing at room temperature.</p> <p>This product is stable for one month at 2-8°C as an undiluted liquid. For extended storage add glycerol to 50% and then aliquot contents and freeze at -20°C or below.</p> <p>Avoid cycles of freezing and thawing.</p> <p>Dilute only prior to immediate use.</p> <p>Shelf life: one year from despatch.</p>