

## Polyclonal Antibody to Chicken IgG [H&L]-Cy2

<b>Alternate names:</b>	Chicken Immunoglobulin G, Chicken Immunoglobulin Y
<b>Catalog No.:</b>	R1434C2
<b>Quantity:</b>	1 mg
<b>Concentration:</b>	1.0 mg/ml (by UV absorbance at 280 nm)
<b>Host:</b>	Goat
<b>Immunogen:</b>	Chicken IgG, whole molecule.
<b>Format:</b>	<p><b>State:</b> Lyophilized purified Ig fraction.</p> <p><b>Purification:</b> Immunoaffinity chromatography.</p> <p><b>Buffer System:</b> 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.</p> <p><b>Label:</b> Cy2 – (Cyanine 2-OSu; Molecular Weight 897 daltons)</p> <p><i>Absorption / Emission:</i> 489 nm / 505 nm</p> <p><i>Molar Ratio:</i> 5.7 moles Cy2 per mole of Goat IgG.</p> <p><b>Reconstitution:</b> Restore with 1.0 ml of deionized water (or equivalent).</p>
<b>Applications:</b>	<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>Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.</p>
<b>Specificity:</b>	<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>
<b>Add. Information:</b>	<b>Aggregation Index:</b> (OD463-OD473)/OD490 x 100% = 4.0%.
<b>Storage:</b>	<p>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.</p> <p>Avoid repeated freezing and thawing.</p> <p>Shelf life: one year from despatch.</p>