

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

<b>Alternate names:</b>	Chicken IgY
<b>Catalog No.:</b>	R1617F
<b>Quantity:</b>	2 mg
<b>Concentration:</b>	2.0 mg/ml (by UV absorbance at 280 nm)
<b>Host:</b>	Goat
<b>Immunogen:</b>	Chicken IgG whole molecule.
<b>Format:</b>	<b>State:</b> Lyophilized purified IgG fraction. <b>Purification:</b> Immunoaffinity Chromatography. <b>Buffer System:</b> 0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2 with 10 mg/ml BSA (IgG and Protease free as stabilizer and 0.01% (w/v) Sodium Azide as preservative. <b>Label:</b> FITC – Fluorescein isothiocyanate (Molecular Weight 390 daltons) <i>Absorption / Emission:</i> 495 nm / 528 nm <i>Molar Ratio:</i> 3.7 moles FITC per mole of Goat IgG <b>Reconstitution:</b> Restore with 1.0 ml of deionized water (or equivalent).
<b>Applications:</b>	Suitable for Immunomicroscopy and Flow Cytometry or FACS analysis as well as other antibody based fluorescent assays requiring lot-to-lot consistency. <b>Recommended Dilutions:</b> FLISA: 10,000-1/50,000. IF Microscopy: 1/1,000-1/5,000. Flow Cytometry: 1/500-1/2,500. Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
<b>Specificity:</b>	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. Assay by immunoelectrophoresis resulted in a single precipitin arc against anti-Fluorescein, anti-Goat Serum, Chicken IgG and Chicken Serum.
<b>Storage:</b>	Store vial at 2-8°C prior to restoration. 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. For extended storage reconstitute product with 50% glycerol instead of water and then aliquot contents and freeze at -20°C or below. Avoid cycles of freezing and thawing. Dilute only prior to immediate use. Shelf life: one year from despatch.
<b>General References:</b>	1. The and Feltkamp, Immunology 18; 865, 1970. (Conjugation)

**For research and in vitro use only. Not for diagnostic or therapeutic work.**

Material Safety Datasheets are available at [www.acris-antibodies.com](http://www.acris-antibodies.com) or on request.

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