

**R1322F****Polyclonal Antibody to Guinea Pig IgG [H&L] -FITC**

<b>Alternate names:</b>	Guinea pig Immunoglobulin G
<b>Quantity:</b>	2 mg
<b>Concentration:</b>	2.2 mg/ml (by UV absorbance at 280 nm)
<b>Host:</b>	Rabbit
<b>Immunogen:</b>	Guinea Pig IgG whole molecule.
<b>Format:</b>	<b>State:</b> Lyophilized purified Ig fraction. <b>Purification:</b> Immunoaffinity Chromatography. <b>Buffer System:</b> 0.01M Sodium Phosphate, 0.15 M Sodium Chloride, pH 7.2, with 0.01% (w/v) Thimerisol as preservative and 10 mg/ml BSA (IgG and Protease free) as stabilizer. <b>Label:</b> FITC – Molecular Weight 390 daltons <i>Absorption / Emission:</i> 495 nm / 528 nm <i>Molar Ratio:</i> 2.0 moles DTAF per mole of Rabbit IgG <b>Reconstitution:</b> Restore with 1.0 ml of deionized water (or equivalent).
<b>Applications:</b>	This product is designed for immunofluorescence microscopy, fluorescence based plate assays (FLISA) and fluorescent western blotting. This product is also suitable for multiplex analysis, including multicolor imaging, utilizing various commercial platforms. Suitable for <b>Immunomicroscopy</b> and <b>Flow Cytometry</b> or <b>FACS</b> analysis as well as other antibody based fluorescent assays requiring lot-to-lot consistency. <u>Recommended Dilutions:</u> FLISA: 1/10,000-1/50,000. Flow Cytometry: 1/500-1/2,500. IF Microscopy: 1/1,000-1/5,000. 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 Guinea Pig IgG coupled to agarose beads. Assay by immunoelectrophoresis resulted in a single precipitin arc against anti-Fluorescein, anti-Rabbit Serum, Guinea Pig IgG and Guinea Pig Serum.
<b>Storage:</b>	Store vial at 2-8°C prior to restoration. For extended storage add 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 antibody 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.
<b>General Readings:</b>	1. Blakeslee & Baines, J. Immunol. Methods 13; 305-320, 1976. (Conjugation)