

**R1317F****Polyclonal Antibody to Goat IgG (H+L chain) - FITC**

<b>Alternate names:</b>	Goat Immunoglobulin G
<b>Quantity:</b>	2 mg
<b>Concentration:</b>	2.0 mg/ml (by UV absorbance at 280 nm)
<b>Host:</b>	Rabbit
<b>Immunogen:</b>	Goat IgG whole molecule
<b>Format:</b>	<b>State:</b> Lyophilized purified Ig fraction <b>Purification:</b> Immunoaffinity Chromatography using Goat IgG coupled to agarose beads followed by solid phase adsorption(s) to remove any unwanted reactivities. <b>Buffer System:</b> 0.02M Potassium Phosphate, 0.15M Sodium Chloride, pH 7.2 <b>Preservatives:</b> 0.01% (w/v) Sodium Azide <b>Stabilizers:</b> 10 mg/ml BSA (IgG and Protease free) <b>Label:</b> FITC – Fluorescein isothiocyanate (Molecular Weight 390 daltons) <i>Absorption / Emission:</i> 495 nm / 528 nm <i>Molar Ratio:</i> 4.2 moles FITC per mole of IgG <b>Reconstitution:</b> Restore with 1.0 ml of deionized water (or equivalent).
<b>Applications:</b>	Suitable for Immunofluorescence Microscopy and Flow Cytometry or FACS analysis as well as other antibody based fluorescent assays requiring lot-to-lot consistency. <u>Recommended Dilutions:</u> <b>FLISA:</b> 1/10,000-1/50,000. <b>Flow Cytometry:</b> 1/500-1/2,500. <b>IF Microscopy:</b> 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>	Assay by Immunoelectrophoresis resulted in a single precipitin arc against anti-Fluorescein, anti-Rabbit Serum, Goat IgG and Goat Serum. <b>Species:</b> Goat. Other species not tested.
<b>Storage:</b>	Store vial at 2-8°C prior to restoration. Restore with deionized water or equivalent. Centrifuge product if not completely clear after standing at room temperature. This product is stable for several weeks at 2-8° C as an undiluted liquid. Dilute only prior to immediate use. 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. Shelf life: One year from despatch.
<b>General Readings:</b>	1. The and Feltkamp, Immunology 18; 865, 1970. (Conjugation)

## Pictures:

Western Blot of Rabbit anti-Goat IgG (H&L) Antibody Fluorescein Conjugated:  
Lane 1: Goat IgG, Load: 50 ng per lane  
Secondary antibody: Goat IgG (H&L) Antibody Fluorescein Conjugated at 1/1,000 for 60 min at RT  
Block: MB-070 for 30 min at RT  
*Predicted/Observed size: 55 and 28 kDa, 55 and 28 kDa*

