

**R1253F****Polyclonal Antibody to Mouse IgG (H&L) - FITC**

<b>Alternate names:</b>	Mouse 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>	Mouse IgG whole molecule.
<b>Format:</b>	<b>State:</b> Lyophilized purified IgG fraction <b>Purification:</b> Immunoaffinity Chromatography using Mouse IgG coupled to agarose beads followed by solid phase adsorption(s) to remove any unwanted reactivities <b>Buffer System:</b> 0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2 <b>Preservatives:</b> 0.01% (w/v) Sodium Azide <b>Stabilizers:</b> 10 mg/ml BSA (Ig and Protease free) <b>Label:</b> FITC – Fluorescein isothiocyanate (Molecular Weight 390 daltons). <b>Conjugation Chemistry:</b> Isothiocyanate <i>Absorption / Emission:</i> 495 nm / 528 nm <i>Molar Ratio:</i> 3.1 moles FITC per mole of Rabbit IgG <b>Reconstitution:</b> Restore with 1.0 ml of deionized water (or equivalent).
<b>Applications:</b>	Suitable for ELISA, Immunofluorescence Microscopy. Flow Cytometry or FACS analysis as well as other antibody based fluorescent assays requiring lot-to-lot consistency. <b>Recommended Dilutions:</b> FLISA: 1/10,000-1/50,000. IF Microscopy: 1/1000-1/5000. 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, Mouse IgG and Mouse Serum. <b>Species:</b> Mouse. Other species not tested.
<b>Storage:</b>	Store lyophilized at 2-8°C for 6 months or at -20°C long term. After reconstitution store the antibody undiluted at 2-8°C for one month or (in aliquots) at -20°C long term. Avoid repeated freezing and thawing.
<b>Product Citations:</b>	<b>Purchased from Acris:</b> 1. Koshkin V, Ailles LE, Liu G, Krylov SN. Metabolic suppression of a drug resistant subpopulation in cancer spheroid cells. J Cell Biochem. 2015 Jun 6. doi: 10.1002/jcb.25247. PubMed PMID: 26054050.
<b>General Readings:</b>	1. The and Feltkamp, Immunology 18; 865, 1970. (Conjugation)