

R1405R**F(ab')₂ Fragment of Goat anti-Mouse IgG [H&L] -PE (ads. to Bov, E_q, Hu, Rb, Rt, Sh)**

Alternate names:	Mouse Immunoglobulin G
Quantity:	0.5 mg
Concentration:	Phycobiliprotein Concentration: 0.5 mg/ml (determined by absorbance = 82.0 at 565 nm for a 1% solution for only those R-PE molecules to which at least one molecule of active antibody is bound).
Host:	Goat
Immunogen:	Mouse IgG whole molecule.
Format:	State: Lyophilized F(ab') ₂ fragments. Purification: Immunoaffinity Chromatography. Buffer System: 0.02 M Sodium Phosphate, 0.15 M Sodium Chloride, pH 7.2 containing 10 mg/ml BSA (IgG and Protease free) as stabilizer and 0.01% (w/v) Sodium Azide as preservative. Label: PE – R-Phycoerythrin ((Molecular Weight 240,000 daltons) from seaweed <i>Absorption / Emission:</i> 490 nm, 545 nm and 565 nm / 580 nm Reconstitution: Restore with 1.0 ml of deionized water (or equivalent).
Applications:	Suitable for Immunomicroscopy and Flow Cytometry or FACS analysis (1/100-1/250) as well as other antibody based fluorescent assays requiring extremely low background levels, absence of F(c) mediated binding, lot-to-lot consistency, high titer and specificity. <u>Recommended Dilutions:</u> The maximum amount of reagent required to stain 1 x 10 ⁶ cells in Flow Cytometry is approximately 1.0 mg of antibody conjugate. Lesser amounts of reagent may be sufficient for staining. Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
Specificity:	This product was prepared from monospecific antiserum by Immunoaffinity chromatography using Mouse IgG coupled to agarose beads followed by solid phase adsorption(s) to remove any unwanted reactivities, pepsin digestion and chromatographic separation. Assay by immunoelectrophoresis resulted in a single precipitin arc against anti-Phycoerythrin, anti-Goat Serum, Mouse IgG and Mouse Serum. No reaction was observed against anti-Pepsin, anti-Goat IgG F(c) or Bovine, Horse, Human, Rabbit or Swine Serum Proteins.
Add. Information:	OD566nm/OD280nm: 2.7

Storage:

This antibody is stable at 2-8°C as an undiluted liquid.

DO NOT FREEZE!

Restore with 1.0 ml of deionized water (or equivalent).

Store reagent in the dark. Use subdued lighting during handling and incubation of cells prior to analysis.

Dilute only prior to immediate use.

Avoid repeated freezing and thawing.

Shelf life: One year from despatch.