

**RA108****Rabbit Rabbit IgG Fc Fragment - Biotin**

<b>Alternate names:</b>	Rabbit Immunoglobulin G
<b>Quantity:</b>	1 mg
<b>Concentration:</b>	1.0 mg/ml (by UV absorbance at 280 nm)
<b>Species:</b>	Rabbit
<b>Source:</b>	Serum
<b>Format:</b>	<b>State:</b> Lyophilized purified Ig fraction. <b>Purity:</b> This product was prepared from normal serum delipidation, salt fractionation, ion exchange chromatography followed by papain digestion and extensive dialysis against the buffer stated above. <b>Buffer System:</b> 0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2 containing 10 mg/ml Bovine Serum Albumin (BSA; IgG and Protease free) as stabilizer and 0.01% (w/v) Sodium Azide as preservative. <b>Label:</b> Biotinamidocaproate N-Hydroxysuccinimide Ester (BAC) Biotin/Protein Ratio: 10-20 BAC molecules per Rabbit IgG F(c) molecule <b>Reconstitution:</b> Restore with 1.0 ml of deionized water (or equivalent).
<b>Applications:</b>	Suitable for use in Immunoblotting, ELISA, immunohistochemistry, immunomicroscopy as well as other antibody based assays using streptavidin or avidin conjugates. Assay by immunoelectrophoresis resulted in a single precipitin arc against anti-biotin, anti-Rabbit IgG, anti-Rabbit IgG F(c) and anti-Rabbit Serum. No reaction was observed against anti-Rabbit IgG F(ab') <sub>2</sub> or anti-Papain. Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
<b>Description:</b>	Biotin Conjugated Rabbit IgG F(c) fragment
<b>Storage:</b>	Store (undiluted) at 2-8°C prior to restoration. 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. Centrifuge product if not completely clear after standing at room temperature. Dilute only prior to immediate use.
<b>General Readings:</b>	1. Bayer & Wilchek Methods in Enzymology 184; 138-160, 1990.