

Product datasheet for **RA107**

Rat IgG (Fc Fragment) Rat Protein

Product data:

Product Type:	Native Proteins
Description:	Rat IgG Fc Fragment rat protein, 1 mg
Species:	Rat
Protein Source:	Serum
Concentration:	lot specific
Purity:	This product was prepared from normal serum Delipidation, Salt Fractionation, Ion Exchange Chromatography followed by papain digestion and extensive dialysis against the buffer.
Conjugation:	Biotin
Buffer:	State: Lyophilized purified Ig fraction. Buffer System: 0.02M Potassium Phosphate, 0.15M 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: Biotinamidocaproate N-Hydroxysuccinimide Ester (BAC). Molar Ratio: 10-20 BAC molecules per Rat IgG F(c) molecule. Presentation Label: Biotin
Reconstitution Method:	Restore with 1.0 ml of deionized water (or equivalent).
Preparation:	Lyophilized purified Ig fraction.
Applications:	Suitable for use in Immunoblotting, ELISA, Immunohistochemistry, Immuno-microscopy 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-Rat IgG, anti-Rat IgG F(c) and anti-Rat Serum. No reaction was observed against anti-Rat IgG F(ab') ₂ or anti-Papain.
Protein Description:	Biotin Conjugated Rat IgG F(c) fragment
Storage:	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.
Stability:	Shelf life: one year from despatch. Centrifuge product if not completely clear after standing at room temperature. Dilute only prior to immediate use.



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