

R1323HRP**Polyclonal Antibody to Guinea Pig IgG F(c) -HRP-**

Alternate names:	Guinea pig Immunoglobulin G
Quantity:	2 mg
Concentration:	2.0 mg/ml (by UV absorbance at 280 nm)
Host:	Rabbit
Immunogen:	Guinea Pig IgG F(c) fragment.
Format:	State: Lyophilized purified Ig fraction. Purification: Immunoaffinity chromatography. Buffer System: 0.02 M Potassium Phosphate, 0.14 M Sodium Chloride, pH 7.4 with 0.01% (w/v) Gentamicin Sulfate as preservative and 10 mg/ml Bovine Serum Albumin (BSA) (IgG and Protease free) as stabilizer. Label: HRP – Horseradish Peroxidase Reconstitution: Restore with 1.0 ml of deionized water (or equivalent).
Applications:	Suitable for Immunoblotting (Western or Dot blot), ELISA, Immunoperoxidase electron microscopy and Immunohistochemistry as well as other peroxidase-antibody based enzymatic assays requiring lot-to-lot consistency. Recommended Dilutions: This product has been assayed against 1.0 ug of Guinea Pig IgG in a standard capture ELISA using ABTS (2,2'-azino-bis-[3-ethylbenthiazoline-6-sulfonic acid]) as a substrate for 30 minutes at room temperature. A working dilution of 1:10,000 to 1:40,000 is suggested for this product. 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 Guinea Pig IgG coupled to agarose. Assay by immunoelectrophoresis resulted in a single precipitin arc against anti-Peroxidase, anti-Rabbit Serum, Guinea Pig IgG, Guinea Pig IgG F(c) and Guinea Pig Serum. No reaction was observed against Guinea Pig IgG F(ab') ₂ fragment.
Storage:	Store vial at 2-8°C prior to restoration. For extended storage add glycerol to 50% and then aliquot contents and freeze at -20°C or below. Centrifuge product if not completely clear after standing at room temperature. This antibody is stable for one month at 2-8°C as an undiluted liquid. Dilute only prior to immediate use. Avoid repeated freezing and thawing. Shelf life: One year from despatch.
Caution:	Do <u>Not</u> Use Sodium Azide as preservative.
General Readings:	Farr & Nakane, J. Immunol. Methods 47; 129-144. 1981. (Conjugation)