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R1324HRP Polyclonal Antibody to Guinea Pig IgG F(ab')2 -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(ab')2 fragment.

Format:
State: Lyophilized purified Ig fraction.
Purification: Immunoaffinity chromatography.
Buffer System: 0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2 with 0.01% Gentamicin Sulfate as preservative and 10 mg/ml BSA (IgG and Protease free) as stabilizer.
Label: HRP – Horseradish Peroxidase

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 1:4,000 to 1:20,000 of the reconstitution concentration 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 beads followed by solid phase adsorption(s) to remove any unwanted reactivities.
Assay by immunoelectrophoresis resulted in a single precipitin arc against anti-Peroxidase, anti-Rabbit Serum, Guinea Pig IgG, Guinea Pig IgG F(ab')2 and Guinea Pig Serum.
No reaction was observed against Guinea Pig IgG F(c).

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 Not Use Sodium Azide as Preservative.

General Readings: Farr & Nakane, J. Immunol. Methods 47; 129-144. 1981. (Conjugation)