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Polyclonal Antibody to Rat IgG F(ab')2 -HRP-

Catalog No.: R1374HRP

Quantity: 2 mg

Concentration: 2.0 mg/ml (by UV absorbance at 280 nm)

Host: Rabbit

Immunogen: Rat IgG F(ab')2 fragment.

Format:
State: Lyophilized purified Ig fraction.
Purification: Immunoaffinity chromatography.
Buffer System: 0.01 M Sodium 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 µg of Rat 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 1:500 to 1:3,000 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 Rat IgG coupled to agarose beads.
Assay by immunoelectrophoresis resulted in a single precipitin arc against anti-Peroxidase, anti-Rabbit Serum, Rat IgG, Rat IgG F(ab')2 and Rat Serum.
No reaction was observed against Rat 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.

General References:
1. Farr & Nakane, J. Immunol. Methods 47; 129-144. 1981.