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R1377B Polyclonal Antibody to Rat IgG, IgA, IgM -Biotin-

Quantity: 2 mg

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

Host: Goat

Immunogen: Rat IgG, IgA and IgM whole molecules.

Format:
State: Lyophilized purified Ig fraction.
Purification: Immunoaffinity Chromatography.
Buffer System: 0.02 M Potassium Phosphate, 0.15 M 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: Biotin – Biotinamidocaproate N-Hydroxysuccinimide Ester (BAC)
Molar Ratio: 10-20 BAC molecules per Goat IgG molecule
Reconstitution: Restore with 1.0 ml of deionized water (or equivalent).

Applications: Suitable for Immunoblotting, ELISA, Immunohistochemistry, Immunomicroscopy as well as other antibody based assays using streptavidin or avidin conjugates requiring lot-to-lot consistency.
Recommended Dilutions
ELISA: 1/150,000.
Western blot: 1/2,000-1/20,000.
Immunohistochemistry: 1/1,000-1/10,000.
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 antigens 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-biotin, anti-Goat Serum, Rat IgG, IgA and IgM.
This reagent is suitable for the detection of all rat immunoglobulin subclasses, isotypes and chain combinations.
Species: Rat.
Other species not tested.

Storage: Store vial at 2-8°C prior to restoration.
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. For extended storage add glycerol to 50% and then aliquot contents and freeze at -20°C or below.
Avoid repeated freezing and thawing.
Dilute only prior to immediate use.
Shelf life: One year from despatch.

General Readings:
1. Bayer & Wilchek, Methods in Enzymology 184: 138-160 (1990)