

R1327B**Polyclonal Antibody to Hamster IgG [H&L] - Biotin**

Alternate names:	Hamster Immunoglobulin G
Quantity:	1.5 mg
Concentration:	1.5 mg/ml (OD 280 nm)
Host:	Rabbit
Immunogen:	Hamster IgG whole molecule
Format:	State: Lyophilized IgG fraction Purification: Immunoaffinity chromatography using Hamster IgG coupled to agarose Buffer System: 0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2, containing 10 mg/ml Bovine Serum Albumin (BSA) IgG and Protease free, and 0.01% (w/v) Sodium Azide Label: Biotin – Biotinamidocaproate N-Hydroxysuccinimide Ester (BAC) <i>Molar Ratio:</i> 10-20 BAC molecules per Rabbit 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. This product has been assayed against 1.0µg of hamster IgG in a standard capture ELISA using Peroxidase Conjugated Streptavidin and ABTS (2,2'-azino-bis-[3-ethylbenthiiazoline-6-sulfonic acid]) as a substrate for 30 minutes at room temperature. A working dilution of 1/15,000 to 1/60,000 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:	Assay by immunoelectrophoresis resulted in a single precipitin arc against anti-Biotin, anti-Rabbit Serum, Hamster IgG and Hamster Serum.
Storage:	Store vial at 4°C prior to restoration. Restore with deionized water (or equivalent); centrifuge product if not completely clear after standing at room temperature. This product is stable for several weeks at 4°C as an undiluted liquid. 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. Dilute only prior to immediate use. Shelf life: one year from despatch.
General Readings:	Bayer & Wilchek Methods in Enzymology 184; 138-160, 1990. (Conjugation)