R1253B

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Polyclonal Antibody to Mouse IgG [H&L] - Biotin

Alternate names: Mouse Immunoglobulin G

Catalog No.: R1253B

Quantity: 2 mg

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

Host: Rabbit

Immunogen: Mouse IgG whole molecule.

Format:
State: Lyohilized purified Ig fraction
Purification: Immunoaffinity Chromatography
Buffer System: 0.01M Sodium Phosphate, 0.14M Sodium Chloride, pH 7.4
Preservatives: 0.01% (w/v) Sodium Azide
Stabilizers: 10 mg/ml BSA (IgG and Protease free)
Label: Biotin – Biotinamidocaproate N-Hydroxysuccinimide Ester (BAC)
Molar Ratio: 10-20 BAC molecules per Rabbit IgG molecule
Reconstitution: Reconstitute with 1.0 ml of deionized water (or equivalent).

Applications: Immunoblotting, ELISA, Immunohistochemistry, Immunomicroscopy as well as other antibody based assays using streptavidin or avidin conjugates requiring lot-to-lot consistency.
Recommended Dilutions:
ELISA: 1/300,000.
Western blot: 1/2,000-1/10,000.
Immunohistochemistry: 1/1,000-1/5,000.
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 Mouse 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-biotin, anti-Rabbit Serum, Mouse IgG and Mouse Serum.

Storage: Store secondary antibody at 4° C prior to reconstitution.
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.
Dilute only prior to immediate use. For extended storage aliquot antibody and freeze at -20° C or below. Avoid cycles of freezing and thawing!

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