

R1349B**Polyclonal Antibody to Mouse IgG, IgA, IgM [H&L] -Biotin-**

Alternate names:	Mouse Immunoglobulin A
Quantity:	2 mg
Concentration:	2.0 mg/ml (by UV absorbance at 280 nm)
Host:	Goat
Immunogen:	Mouse 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 with 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) <i>Molar Ratio:</i> 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. <u>Recommended Dilutions:</u> ELISA: 1/500,000. 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 polyspecific 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 and anti-Goat Serum. This reagent is suitable for the detection of all mouse immunoglobulin subclasses, isotypes and chain combinations.
Species Reactivity:	Tested: Mouse.
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 Readings:	1. Bayer & Wilchek Methods in Enzymology 184; 138-160, 1990. (Conjugation)