

R1469HRP**Polyclonal antibody to Mouse IgG+IgM (H&L) -HRP**

Alternate names:	Mouse Immunoglobulin G
Quantity:	1 mg
Concentration:	1.0 mg/ml (by UV absorbance at 280 nm)
Host:	Goat
Immunogen:	Mouse IgG and IgM whole molecules.
Format:	State: Lyophilized purified IgG 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) Gentamicin Sulfate as preservative. 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. <u>Recommended Dilutions:</u> ELISA: 1/40,000. Western Blot: 1/2,000-1/10,000. Immunohistochemistry: 1/500-1/2,500. 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-Goat Serum, anti-Peroxidase, Mouse IgG and Mouse IgM. No reaction was observed against Bovine, Horse or Human serum proteins.
Storage:	Store vial at 2-8°C prior to restoration. For extended storage mix with 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 product 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.
Caution:	Do <u>Not</u> Use Sodium Azide as preservative.
General Readings:	1. Farr & Nakane, J. Immunol. Methods 47; 129-144. 1981. (Conjugation)