

R1317HRP**Polyclonal Antibody to Goat IgG (H+L chain) - HRP**

Alternate names:	Goat Immunoglobulin G
Quantity:	2 mg
Concentration:	2.0 mg/ml (by UV absorbance at 280 nm)
Host:	Rabbit
Immunogen:	Goat IgG whole molecule.
Format:	State: Lyophilized purified Ig fraction Purification: Immunoaffinity Chromatography Buffer System: 0.02M Potassium Phosphate, 0.15M Sodium Chloride, pH 7.2 Preservatives: 0.01% (w/v) Gentamicin Sulfate Stabilizers: 10 mg/ml BSA (IgG and Protease free) Label: HRP – Horseradish Peroxidase Reconstitution: Restore with 1.0 ml of deionized water (or equivalent).
Applications:	ELISA: 1/50,000-1/100,000. Western Blot: 1/5,000-1/20,000. Immunohistochemistry: 1/1,000-1/5,000. <u>Note:</u> HRP Secondary antibody reagents are available in a variety of formats and conjugate types. When choosing a secondary antibody product, consideration must be given to species and immunoglobulin specificity, conjugate type, fragment and chain specificity, level of cross-reactivity, and host-species source and fragment composition. 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 Goat 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-Peroxidase, anti-Rabbit Serum, Goat IgG, and Goat serum.
Storage:	Store lyophilized at 2-8°C for 6 months or at -20°C long term. After reconstitution store the antibody undiluted at 2-8°C for one month or (in aliquots) at -20°C long term. Avoid repeated freezing and thawing. Shelf life: one year from despatch.
Caution:	Do Not Add Sodium Azide.
General Readings:	1. Farr & Nakane, J. Immunol. Methods 47; 129-144. 1981. (Conjugation)

Pictures:

Western Blot of Rabbit anti-GOAT IgG (H&L) Antibody Peroxidase Conjugated:
Lane 1: Goat IgG, Load: 100 ng per lane
Secondary antibody GOAT IgG (H&L) Antibody Peroxidase Conjugated at 1/1,000 for 60 min at RT
Block: MB-070 for 30 min at RT

