

**AP33463HR-N****Polyclonal Antibody to Mouse IgG1 (Ads. to Hu, Bov, Rb Serum Proteins) - HRP**

<b>Alternate names:</b>	Mouse Immunoglobulin G1
<b>Quantity:</b>	1 mg
<b>Concentration:</b>	1.0 mg/ml (by UV absorbance at 280 nm)
<b>Host / Isotype:</b>	Goat / IgG
<b>Immunogen:</b>	Native Mouse IgG1 heavy chain Protein.
<b>Format:</b>	<b>State:</b> Lyophilized purified IgG fraction <b>Purification:</b> Immunoaffinity Chromatography using Mouse IgG1 coupled to Agarose beads followed by solid phase adsorption(s) to remove any unwanted reactivities. <b>Buffer System:</b> 0.02M Potassium Phosphate, 0.15M Sodium Chloride, pH 7.2 <b>Preservatives:</b> 0.01% (w/v) Gentamicin Sulfate <b>Stabilizers:</b> 10 mg/ml BSA (Immunoglobulin and Protease free) <b>Label:</b> HRP – Peroxidase Conjugated <b>Reconstitution:</b> Restore with 1.0 ml deionized water (or equivalent)
<b>Applications:</b>	Mouse IgG1 Peroxidase Secondary antibody reagents are ideal for western blotting, Immunohistochemistry and ELISA as well as other antibody detection methods. <i>Recommended Dilutions:</i> ELISA: 1/20,000-1/100,000. Western Blot: 1/2,000-1/20,000. Immunohistochemistry: 1/1,000-1/5,000. Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
<b>Specificity:</b>	Assay by immunoelectrophoresis resulted in a single precipitin arc against anti-Goat Serum, Mouse Serum and Mouse IgG. No reaction was observed against Bovine, Human, and Rabbit Serum Proteins. Specificity was confirmed by ELISA at less than 1% of target signal.
<b>Storage:</b>	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.
<b>Caution:</b>	<b>Do NOT add Sodium Azide!</b>