

AP33463AP-N**Polyclonal Antibody to Mouse IgG1 (Ads. to Hu, Bov, Rb Serum Proteins) - AP**

Alternate names:	Mouse Immunoglobulin G1
Quantity:	1 mg
Concentration:	1.0 mg/ml (by UV absorbance at 280 nm)
Host / Isotype:	Goat / IgG
Immunogen:	Native Mouse IgG1 heavy chain Protein.
Format:	State: Liquid (sterile filtered) purified IgG fraction Purification: Immunoaffinity Chromatography using Mouse IgG1 coupled to Agarose beads followed by solid phase adsorption(s) to remove any unwanted reactivities. Buffer System: 0.05M Tris Chloride, 0.15M Sodium Chloride, 0.001M Magnesium Chloride, 0.0001M Zinc Chloride, 50% (v/v) Glycerol, pH 8.0 Preservatives: 0.09% (w/v) Sodium Azide Stabilizers: 10 mg/ml BSA (Immunoglobulin and Protease free) Label: AP – Alkaline Phosphatase (Calf Intestine)
Applications:	Anti-Mouse IgG1 Alkaline Phosphatase Conjugated Secondary antibodies are ideal for western blotting, Immunohistochemistry and ELISA as well as other antibody detection methods. <u>Recommended Dilutions:</u> ELISA: 1/10,000-1/40,000. Western Blot: 1/200-1/2,000. Immunohistochemistry: 1/200-1/1,000. Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
Specificity:	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.
Storage:	Store undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing. Shelf life: one year from despatch.