AP33463BT-N — Polyclonal Antibody to Mouse IgG1 (Ads. to Hu, Bov, Rb Serum Proteins) - Biotin

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: Lyophilized 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: 0.02M Potassium Phosphate, 0.15M Sodium Chloride, pH 7.2
Preservatives: 0.01% (w/v) Sodium Azide
Stabilizers: 10 mg/ml BSA (Immunoglobulin and Protease free)
Label: Biotin
Reconstitution: Restore with 1.0 ml deionized water (or equivalent)

Applications:

Anti-Mouse IgG1 Biotin Conjugated Secondary antibodies are ideal for western blotting, Immunohistochemistry and ELISA as well as other antibody detection methods.
Recommended Dilutions:
ELISA: 1/20,000-1/100,000.
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:

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.