

R1349AP**Polyclonal Antibody to Mouse IgG, IgA, IgM [H&L] -AP**

Alternate names:	Mouse Immunoglobulin A
Quantity:	1 mg
Concentration:	1.0 mg/ml (by UV absorbance at 280 nm)
Host:	Goat
Immunogen:	Mouse IgG, IgA and IgM whole molecules.
Format:	State: Liquid (sterile filtered) purified Ig fraction. Purification: Immunoaffinity chromatography. 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, with 10 mg/ml BSA (IgG and protease free) as stabilizer and 0.01% (w/v) Sodium Azide as preservative Label: AP – Alkaline Phosphatase (Calf Intestine) (Molecular Weight 140,000 daltons)
Applications:	Suitable for Immunoblotting (Western or Dot blot), ELISA and Immunohistochemistry as well as other phosphatase-antibody based enzymatic assays requiring lot-to-lot consistency. Recommended Dilutions: ELISA: 1/2,000-1/10,000. Western blot: 1/500-1/2,500. Immunohistochemistry: 1/200-1/1,000. 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 Mouse 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-Alkaline Phosphatase (calf intestine) and anti-Goat Serum. This reagent is suitable for the detection of all Mouse immunoglobulin isotypes, subclasses and chain combinations.
Storage:	Store the antibody (undiluted) at 2-8°C. DO NOT FREEZE! Freezing alkaline phosphatase conjugates will result in a substantial loss of enzymatic activity. Dilute only prior to immediate use. Shelf life: one year from despatch.
General Readings:	Conjugation Reference: Modified from Avrameas and Ternyrock, Immunochemistry 32; 1175 1971.