

R1361AP**Polyclonal Antibody to Mouse IgG2b (Gamma 2b chain specific)
-AP-**

Alternate names:	Mouse Immunoglobulin G2b
Quantity:	1 mg
Concentration:	1.0 mg/ml (by UV absorbance at 280 nm)
Host:	Rabbit
Immunogen:	Mouse IgG2b heavy chain.
Format:	State: Liquid (sterile filtered) purified IgG 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 Bovine Serum Albumin (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: 1/8,000-1/32,000. Western Blot: 1/1,000-1/3,000. Immunohistochemistry: 1/200-1/1,000. Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
Specificity:	This product was prepared from monospecific antiserum by immunoaffinity chromatography using 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-Rabbit Serum. Specificity was confirmed by ELISA at less than 1% cross reactivity against other mouse heavy or light chain isotypes.
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) Modified from Avrameas and Ternyrock, <i>Immunochemistry</i> 32; 1175 1971.