R1253AP   Polyclonal Antibody to Mouse IgG (H&L) - AP

Alternate names:	Mouse Immunoglobulin G
Quantity:	1 mg
Concentration:	1.0 mg/ml (by UV Absorbance at 280 nm)
Host:	Rabbit
Immunogen:	Mouse IgG whole molecule

Format:
State: Liquid 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, containing 10 mg/ml BSA (Ig 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 use in Immunoblotting (Western or dot blot), ELISA, Immunohistochemistry and 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 IgG 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), anti-Rabbit Serum, Mouse IgG and Mouse Serum.

Storage:
Store the antibody undiluted at 2-8°C.
DO NOT FREEZE!
Dilute only prior to immediate use.
Freezing Alkaline Phosphatase conjugates will result in a substantial loss of enzymatic activity.

General Readings:
Modified from Avarameas and Ternyrock, Immunochemistry 32; 1175 1971. (Conjugation)