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## Product Datasheet

### **Goat Anti-Mouse IgG1 (Gamma 1 chain) Antibody Alkaline Phosphatase Conjugated (Min X Bv, Hu, and Rb Serum Proteins) - 610-105-040, AP, Polyclonal DNA-SEC-183140**

Article Name	Goat Anti-Mouse IgG1 (Gamma 1 chain) Antibody Alkaline Phosphatase Conjugated (Min X Bv, Hu, and Rb Serum Proteins) - 610-105-040, AP, Polyclonal
Biozol Catalog Number	DNA-SEC-183140
Supplier Catalog Number	DNA-SEC-183140
Alternative Catalog Number	DNA-SEC-183140
Manufacturer	dianova
Host	Goat
Category	Antikörper
Application	DOT, ELISA
Species Reactivity	Mouse
Immunogen	Mouse IgG1 heavy chain
Conjugation	AP
Format	IgG
Target Specificity	IgG1 (Fc)
Cross-Adsorption (MinX)	no cross-adsorbtion

Product Description	Anti-Mouse IgG1 Alkaline Phosphatase Antibody generated in goat detects reactivity to Mouse IgG1 (Gamma 1 chain). Secreted as part of the adaptive immune response by plasma B cells, immunoglobulin G constitutes 75% of serum immunoglobulins. IgG1 chai...
Clonality	Polyclonal
Concentration	1.0 mg/mL
Isotype	Ig
Buffer	0.05 M Tris Chloride, 0.15M Sodium Chloride, 0.001M Magnesium Chloride, 0.0001M Zinc Chloride, 50% (v/v) Glycerol, pH 8.0
Purity	Anti-Mouse IgG1 antibody was prepared from monospecific antiserum by immunoaffinity chromatography using Mouse IgG1 coupled to agarose beads followed by solid phase adsorption(s) to remove any unwanted reactivities. Assay by immunolectrophoresis resulted in a single precipitin arc against anti-Alkaline Phosphatase (calf intestine), anti-Goat Serum, Mouse Serum, Mouse IgG and Mouse IgG1. No reaction was observed against Bovine, Human, and Rabbit Serum Proteins. Specificity was confirmed by ELISA at less than 1% of target signal.
Form	Liquid (sterile filtered)
Formula	50 mM TrisHCl,150 mM NaCl,1 mM MgCl,0,1 mM ZnCl,50% (v/v) Glycerol,pH 8,0,sterile filtered,0,1% NaN3
Target	Mouse
Antibody Type	Secondary Antibody
Application Dilute	ELISA Dilution: 1:10,000 - 1:40,000, Immunohistochemistry Dilution: 1:200 - 1:1,000, Western Blot Dilution: 1:500 - 1:2,000
Application Notes	Anti-Mouse IgG1 Alkaline Phosphatase Conjugated Secondary antibody has been tested by ELISA and dot blot and is ideal for western blotting, Immunohistochemistry and ELISA as well as other antibody detection methods.