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## Product Datasheet

### **Rabbit Anti-Human IgG (gamma chain) Antibody Alkaline Phosphatase Conjugated - 609-4512, AP, Polyclonal DNA-SEC-183082**

Article Name	Rabbit Anti-Human IgG (gamma chain) Antibody Alkaline Phosphatase Conjugated - 609-4512, AP, Polyclonal
Biozol Catalog Number	DNA-SEC-183082
Supplier Catalog Number	DNA-SEC-183082
Alternative Catalog Number	DNA-SEC-183082
Manufacturer	dianova
Host	Rabbit
Category	Antikörper
Application	DOT, ELISA
Species Reactivity	Human
Immunogen	Human IgG gamma heavy chain
Conjugation	AP
Format	IgG
Target Specificity	IgG (H)
Cross-Adsorption (MinX)	no cross-adsorbtion
Product Description	Anti-Human IgG (gamma chain) Alkaline Phosphatase generated in rabbit detects human Immunoglobulin G (gamma chain). It is a protein complex composed of four peptide chains - two identical heavy chains and two identical light chains arranged in a Y-sh...

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	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), anti-Rabbit Serum, Human IgG and Human Serum. Specificity was confirmed by ELISA minimal cross reactivity against other Human heavy or light chain isotypes.
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, 0.05% NaN <sub>3</sub>
Target	Human
Antibody Type	Secondary Antibody
Application Dilute	ELISA Dilution: 1:10,000 - 1:20,000, Immunohistochemistry Dilution: 1:200 - 1:1,000, Western Blot Dilution: 1:500 - 1:2,500
Application Notes	Anti-Human IgG (gamma chain) Alkaline Phosphatase has been tested by dot blot and ELISA and is assayed against 1.0 ug of Human IgG in a standard capture ELISA using pNPP p-nitrophenyl phosphate code NPP-10 as a substrate for 30 minutes at room temperature. A working dilution of 1:1,000 to 1:3,500 of the reconstitution concentration is suggested for this product.