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## Product Datasheet

### Goat Anti-Human IgG (gamma chain) Antibody Alkaline Phosphatase Conjugated - 609-1512, AP, Polyclonal DNA-SEC-183038

Article Name	Goat Anti-Human IgG (gamma chain) Antibody Alkaline Phosphatase Conjugated - 609-1512, AP, Polyclonal
Biozol Catalog Number	DNA-SEC-183038
Supplier Catalog Number	DNA-SEC-183038
Alternative Catalog Number	DNA-SEC-183038
Manufacturer	dianova
Host	Goat
Category	Antikörper
Application	ELISA, WB
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 goat 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-shap...

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	Human IgG (gamma chain) Antibody 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), Human IgG, Human serum and anti-Goat 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,0,01% NaN3
Target	Human
Antibody Type	Secondary Antibody
Application Dilute	ELISA Dilution: 1:4,000 - 1:16,000, Immunohistochemistry Dilution: 1:200 - 1:1,000, Western Blot Dilution: 1:500 - 1:2,500
Application Notes	Anti-Human IgG Alkaline Phosphatase has been tested by ELISA and western blot and is suitable for use in immunoelectrophoresis, western-blot, competitive western-blot, ELISA and competitive ELISA assays. Specific conditions for reactivity and signal detection should be optimized by the end user.