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Product Datasheet

Goat Anti-Human IgM (mu chain) Antibody Alkaline Phosphatase Conjugated - 609-1507, AP, Polyclonal DNA-SEC-183035

Article Name	Goat Anti-Human IgM (mu chain) Antibody Alkaline Phosphatase Conjugated - 609-1507, AP, Polyclonal
Biozol Catalog Number	DNA-SEC-183035
Supplier Catalog Number	DNA-SEC-183035
Alternative Catalog Number	DNA-SEC-183035
Manufacturer	dianova
Host	Goat
Category	Antikörper
Application	DOT, ELISA
Species Reactivity	Human
Immunogen	Human IgM whole molecule
Conjugation	AP
Format	IgG
Target Specificity	IgM (μ)
Cross-Adsorption (MinX)	no cross-adsorbtion
Product Description	Anti-Human IgM (mu heavy chain) Alkaline Phosphatase generated in goat detects specifically Human IgM mu heavy chain. Immunoglobulin M is the largest antibody isotype and the first to be secreted against an initial exposure to antigen. IgM is predomi...

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-Human IgM mu heavy chain antibody was prepared from monospecific antiserum by immunoaffinity chromatography using Human IgM 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-Goat Serum, Human IgM and Human Serum. No reaction was observed against other human heavy or light chain proteins.
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: 1:2,000 - 1:10,000, Immunohistochemistry Dilution: 1:200 - 1:1,000, Western Blot Dilution: 1:500 - 1:2,500
Application Notes	Anti-Human IgM (mu heavy chain) Alkaline Phosphatase has been tested by dot blot and ELISA and is suitable for immunoblotting (western or dot blot), ELISA, immunoelectron microscopy and immunohistochemistry as well as other antibody based enzymatic assays requiring lot-to-lot consistency.