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Product Datasheet

Goat Anti-Mouse IgM (mu chain) Antibody Alkaline Phosphatase Conjugated - 610-1507, AP, Polyclonal DNA-SEC-183181

Article Name	Goat Anti-Mouse IgM (mu chain) Antibody Alkaline Phosphatase Conjugated - 610-1507, AP, Polyclonal
Biozol Catalog Number	DNA-SEC-183181
Supplier Catalog Number	DNA-SEC-183181
Alternative Catalog Number	DNA-SEC-183181
Manufacturer	dianova
Host	Goat
Category	Antikörper
Application	ELISA
Species Reactivity	Mouse
Immunogen	Mouse IgM whole molecule
Conjugation	AP
Format	IgG
Target Specificity	IgM (μ)
Cross-Adsorption (MinX)	no cross-adsorbtion
Product Description	Anti-Mouse IgM (mu chain) alkaline phosphatase conjugated antibody generated in goat detects specifically mouse IgM. Immunoglobulin M is the largest antibody isotype and the first to be secreted against an initial exposure to antigen. IgM is predomin...

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 Mouse 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, Mouse IgM and Mouse Serum. No reaction was observed against other mouse 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,0,1% NaN3
Target	Mouse
Antibody Type	Secondary Antibody
Application Dilute	ELISA Dilution: 1:4,500 - 1:8,000, Immunohistochemistry Dilution: 1:200 - 1:1,000, Western Blot Dilution: 1:500 - 1:2,500
Application Notes	Mouse IgM (mu chain) alkaline phosphatase conjugated Antibody has been tested by ELISA and is suitable for immunoblotting (western or dot blot), ELISA, immunoperoxidase electron microscopy and immunohistochemistry as well as other peroxidase-antibody based enzymatic assays requiring extremely low background levels, lot-to-lot consistency, high titer and specificity.