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## Product Datasheet

### Goat F(ab)2 Anti-Human IgM Fc5μ Antibody Alkaline Phosphatase Conjugated - 709-1531, AP, Polyclonal DNA-SEC-183751

Article Name	Goat F(ab)2 Anti-Human IgM Fc5μ Antibody Alkaline Phosphatase Conjugated - 709-1531, AP, Polyclonal
Biozol Catalog Number	DNA-SEC-183751
Supplier Catalog Number	DNA-SEC-183751
Alternative Catalog Number	DNA-SEC-183751
Manufacturer	dianova
Host	Goat
Category	Antikörper
Application	ELISA
Species Reactivity	Human
Immunogen	Human IgM Fc5μ fragment
Conjugation	AP
Format	F(ab')2
Target Specificity	IgM (μ)
Cross-Adsorption (MinX)	no cross-adsorbtion
Product Description	F(ab)2 Anti-Human IgM Fc5μ Alkaline Phosphatase Antibody generated in goat detects specifically the Fc5μ portion of the human IgM heavy chain. Immunoglobulin M is the largest antibody isotype and the first to be secreted against an initial exposure t...

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 Human IgM coupled to agarose beads followed by solid phase adsorption(s) to remove any unwanted reactivities, pepsin digestion and chromatographic separation. Assay by immunoelectrophoresis resulted in a single precipitin arc against anti-Alkaline Phosphatase, anti-Goat Serum, Human IgM and Human Serum. No reaction was observed against anti-Pepsin, anti-Goat IgG F(c), Human IgG or Human IgA. Specificity was confirmed by ELISA at less than 1% 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: 1:7,500 - 1:30,000, Immunohistochemistry Dilution: 1:200 - 1:1,000, Western Blot Dilution: 1:1,000 - 1:5,000
Application Notes	F(ab)2 Anti-Human IgM Fc5μ Alkaline Phosphatase Antibody has been tested by ELISA and is suitable for immunomicroscopy and flow cytometry or FACS analysis as well as other antibody based fluorescent assays requiring lot-to-lot consistency. F(ab)2 Anti-Human IgM Fc5μ antibody has been assayed against 1.0 μg of Human IgM 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 1:4,000 to 1:20,000 of the reconstitution concentration is suggested for this product.