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## Product Datasheet

### Goat F(ab)2 Anti-Human IgG IgA IgM (H&L) Antibody Alkaline Phosphatase Conjugated (Min X Mouse Serum Proteins) - 709-105-130, AP, Polyclonal DNA-SEC-183721

Article Name	Goat F(ab)2 Anti-Human IgG IgA IgM (H&L) Antibody Alkaline Phosphatase Conjugated (Min X Mouse Serum Proteins) - 709-105-130, AP, Polyclonal
Biozol Catalog Number	DNA-SEC-183721
Supplier Catalog Number	DNA-SEC-183721
Alternative Catalog Number	DNA-SEC-183721
Manufacturer	dianova
Host	Goat
Category	Antikörper
Application	ELISA,IHC,WB
Species Reactivity	Human
Immunogen	Human IgG, IgA, and IgM whole molecules
Conjugation	AP
Format	F(ab')2
Target Specificity	IgG+IgM+IgA (H+L)
Cross-Adsorption (MinX)	Mouse
Product Description	F(ab)2 Anti-Human IgG IgA IgM (H&L) Alkaline Phosphatase Antibody generated in goat detects human (heavy and light chain) immunoglobulin G, A, and M. Immunoglobulin G binds to antigens and can neutralize or opsonize targets, and are predominantly inv...

Clonality	Polyclonal
Concentration	0.5 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 IgG 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 and anti-Goat Serum. This reagent is suitable for the detection of all human immunoglobulins and chain combinations. No reaction was observed against anti-Pepsin, anti-Goat IgG F(c) or Mouse Serum Proteins.
Form	Liquid (sterile filtered)
Formula	50 mM TrisHCl,150 mM NaCl,1 mM MgCl <sub>2</sub> ,0,1 mM ZnCl <sub>2</sub> ,50% (v/v) Glycerol,pH 8,0,sterile filtered,0,01% NaN <sub>3</sub>
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	F(ab)2 Anti-Human IgG IgA IgM (H&L) Alkaline Phosphate Antibody has been 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 1:5,000 of the reconstitution concentration is suggested for this product. Suitable for immunomicroscopy and flow cytometry or FACS analysis as well as other antibody based fluorescent assays requiring lot-to-lot consistency.