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## Product Datasheet

### Goat F(ab)2 anti-Rat IgG (F(ab)2)-Alk. Phos., MinX Bo,Ho,Hu DNA-SEC-183865

Article Name	Goat F(ab)2 anti-Rat IgG (F(ab)2)-Alk. Phos., MinX Bo,Ho,Hu
Biozol Catalog Number	DNA-SEC-183865
Supplier Catalog Number	SEC-183865
Alternative Catalog Number	DNA-SEC-183865
Manufacturer	dianova
Host	Goat
Category	Antikörper
Application	ELISA,IHC,WB
Species Reactivity	Rat
Immunogen	Rat IgG F(ab)2 fragment
Conjugation	Alk. Phos.
Format	F(ab')2
Target Specificity	IgG (F(ab')2)
Cross-Adsorption (MinX)	Bovine,Equine,Human
Product Description	F(ab)2 Anti-Rat IgG F(ab)2 Alkaline Phosphatase Antibody generated in goat detects Rat F(ab)2. Representing approximately 75% of serum immunoglobulins, IgG is the most abundant antibody isotype found in the circulation. IgG molecules are synthesized ...
Clonality	Polyclonal

Concentration	0.6 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 Rat 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, anti-Goat Serum, Rat IgG F(ab') <sub>2</sub> and Rat Serum. No reaction was observed against anti-Pepsin, anti-Goat IgG F(c), Rat Fc or Bovine, Horse, and Human Serum Proteins.
Form	Lyophilized
Formula	50 mM TrisHCl,150 mM NaCl,1 mM MgCl,0,1 mM ZnCl,50% (v/v) Glycerol,pH 8,0,lyophilisate,0.05% NaN <sub>3</sub>
Target	Rat
Antibody Type	Secondary Antibody
Application Dilute	ELISA Dilution: 1:5,000 - 1:50,000, Immunohistochemistry Dilution: 1:200 - 1:1,000, Western Blot Dilution: 1:500 - 1:2,500
Application Notes	F(ab') <sub>2</sub> Anti-Rat IgG F(ab') <sub>2</sub> Alkaline Phosphatase Antibody has been assayed against 1.0 ug of Rat 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 F(ab') <sub>2</sub> Anti-Rat IgG Antibody.