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Product Datasheet

Rabbit Anti-Bovine IgG F(ab)2 Antibody Alkaline Phosphatase Conjugated - 601-4504, AP, Polyclonal DNA-SEC-182739

Article Name	Rabbit Anti-Bovine IgG F(ab)2 Antibody Alkaline Phosphatase Conjugated - 601-4504, AP, Polyclonal
Biozol Catalog Number	DNA-SEC-182739
Supplier Catalog Number	DNA-SEC-182739
Alternative Catalog Number	DNA-SEC-182739
Manufacturer	dianova
Host	Rabbit
Category	Antikörper
Application	DOT, ELISA
Species Reactivity	Bovine
Immunogen	Bovine IgG F(ab)2 fragment
Conjugation	AP
Format	IgG
Target Specificity	IgG (F(ab')2)
Cross-Adsorption (MinX)	no cross-adsorbtion
Product Description	Secreted as part of the adaptive immune response by plasma B cells, immunoglobulin G constitutes 75% of serum immunoglobulins. Immunoglobulin G binds to viruses, bacteria, as well as fungi and facilitates their destruction or neutralization via agglu...

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 Bovine IgG 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-Rabbit Serum, Bovine IgG, Bovine IgG F(ab)2 and Bovine Serum. No reaction was observed against Bovine IgG F(c).
Form	Liquid (sterile filtered)
Formula	50 mM TrisHCl,150 mM NaCl,1 mM MgCl ₂ ,0,1 mM ZnCl ₂ ,50% (v/v) Glycerol,pH 8,0,sterile filtered,0,01% NaN ₃
Target	Bovine
Antibody Type	Secondary Antibody
Application Dilute	ELISA Dilution: 1:10,000 - 1:20,000, Immunohistochemistry Dilution: 1:200 - 1:1,000, Western Blot Dilution: 1:500 - 1:2,500
Application Notes	Anti-Bovine IgG F(ab)2 Alkaline Phosphatase Conjugate has been tested by ELISA and dot blot. This product has been assayed against 1.0 ug of Bovine 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 1:1,600 to 1:11,000 of the reconstitution concentration is suggested for this product.