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Product Datasheet

Rabbit IgG anti-Rat IgG (F(ab)2)-Alk. Phos., MinX none DNA-SEC-183508

Article Name	Rabbit IgG anti-Rat IgG (F(ab)2)-Alk. Phos., MinX none
Biozol Catalog Number	DNA-SEC-183508
Supplier Catalog Number	SEC-183508
Alternative Catalog Number	DNA-SEC-183508
Manufacturer	dianova
Host	Rabbit
Category	Antikörper
Application	ELISA,IHC,WB
Species Reactivity	Rat
Immunogen	Rat IgG F(ab)2 fragment
Conjugation	Alk. Phos.
Format	IgG
Target Specificity	IgG (F(ab')2)
Cross-Adsorption (MinX)	no cross-adsorbtion
Product Description	Anti-Rat IgG F(ab)2 Antibody generated in rabbit recognizes the dimeric Fab portion of the rat IgG molecule. Rat IgG F(ab)2 is a proteolytic fragment of immunoglobulin G (IgG) obtained by limited digestion with the enzyme pepsin under controlled cond...
Clonality	Polyclonal

Concentration	1.3 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. Assay by immunoelectrophoresis resulted in a single precipitin arc against anti-Alkaline Phosphatase (calf intestine), anti-Rabbit Serum, Rat IgG, Rat IgG F(ab') ₂ and Rat Serum. No reaction was observed against Rat 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	Rat
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	This product has been assayed against 1.0 µg 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 1:2,500 to 1:10,800 of the reconstitution concentration is suggested for this product.