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Product Datasheet

Donkey IgG anti-Guinea Pig IgG (H+L)-Alk. Phos., MinX Bo,Ck,Go,Hm,Ho,Hu,Ms,Rb,Rt,Sh DNA-SEC-182935

Article Name	Donkey IgG anti-Guinea Pig IgG (H+L)-Alk. Phos., MinX Bo,Ck,Go,Hm,Ho,Hu,Ms,Rb,Rt,Sh
Biozol Catalog Number	DNA-SEC-182935
Supplier Catalog Number	SEC-182935
Alternative Catalog Number	DNA-SEC-182935
Manufacturer	dianova
Host	Donkey
Category	Antikörper
Application	ELISA,IHC,WB
Species Reactivity	Guinea pig
Immunogen	Guinea Pig IgG whole molecule
Conjugation	Alk. Phos.
Format	IgG
Target Specificity	IgG (H+L)
Cross-Adsorption (MinX)	Bovine,Gallus,Goat,Hamster (all),Equine,Human,Mouse,Rabbit,Rat,Sheep
Product Description	Anti-Guinea Pig IgG Alkaline Phosphatase Antibody generated in donkey detects guinea pig IgG. Secreted as part of the adaptive immune response by plasma B cells, immunoglobulin G constitutes 75% of serum immunoglobulins. Immunoglobulin G binds to vir...

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 Guinea Pig IgG coupled to agarose beads followed by conjugation to fluorochrome and extensive dialysis against the buffer stated above. Assay by immunoelectrophoresis resulted in a single precipitin arc against anti-Donkey Serum, anti-Alkaline Phosphatase, Guinea Pig IgG and Guinea Pig Serum. No reaction was observed against Bovine, Chicken, Goat, Hamster, Horse, Human, Mouse, Rabbit, Rat and Sheep Serum Proteins. This antibody will react with heavy chains of Guinea Pig IgG and with light chains of most Guinea Pig immunoglobulins.
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,0,1% NaN3
Target	Guinea Pig
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	Anti-Guinea Pig IgG Alk Phos conjugate is suitable for immunoblotting (western or dot blot), ELISA, immunoelectron microscopy and immunohistochemistry as well as other antibody-based enzymatic assays requiring lot-to-lot consistency.