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Product Datasheet

Donkey IgG anti-Guinea Pig IgG (H+L)-HRPO, MinX Bo,Ck,Go,Hm,Ho,Hu,Ms,Rb,Rt,Sh DNA-SEC-182934

Article Name	Donkey IgG anti-Guinea Pig IgG (H+L)-HRPO, MinX Bo,Ck,Go,Hm,Ho,Hu,Ms,Rb,Rt,Sh
Biozol Catalog Number	DNA-SEC-182934
Supplier Catalog Number	SEC-182934
Alternative Catalog Number	DNA-SEC-182934
Manufacturer	dianova
Host	Donkey
Category	Antikörper
Application	ELISA, WB
Species Reactivity	Guinea pig
Immunogen	Guinea Pig IgG whole molecule
Conjugation	HRPO
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 Peroxidase 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 viruses, bact...

Clonality	Polyclonal
Concentration	1.0 mg/mL
Isotype	Ig
Buffer	0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2
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-peroxidase, anti-Donkey Serum, 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	Lyophilized
Formula	20 mM K3PO4, 150 mM NaCl, pH 7.2, lyophilisate, 0.01% Gentamicin
Target	Guinea Pig
Antibody Type	Secondary Antibody
Application Dilute	ELISA Dilution: 1:10,000 - 1:50,000, Western Blot Dilution: 1:1,000 - 1:5,000
Application Notes	Anti-Guinea Pig IgG Peroxidase 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.