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Product Datasheet

Goat IgG anti-Rat IgG (H+L)-Biotin, MinX none DNA-SEC-183486

Article Name	Goat IgG anti-Rat IgG (H+L)-Biotin, MinX none
Biozol Catalog Number	DNA-SEC-183486
Supplier Catalog Number	SEC-183486
Alternative Catalog Number	DNA-SEC-183486
Manufacturer	dianova
Host	Goat
Category	Antikörper
Application	ELISA,IHC,WB
Species Reactivity	Rat
Immunogen	Rat IgG whole molecule
Conjugation	Biotin
Format	IgG
Target Specificity	IgG (H+L)
Cross-Adsorption (MinX)	no cross-adsorbtion
Product Description	RAT IgG Biotin Conjugated antibody detects rat immunoglobulin G. 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 fu...
Clonality	Polyclonal

Concentration	2.0 mg/mL
Isotype	Ig
Buffer	0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2
Purity	Anti-RAT IgG Biotin Conjugated antibody was prepared from monospecific antiserum by immunoaffinity chromatography using Rat IgG coupled to agarose. Assay by immunoelectrophoresis resulted in a single precipitin arc against anti-biotin, anti-Goat Serum, Rat IgG and Rat Serum.
Form	Lyophilized
Formula	20 mM K3PO4,150 mM NaCl,pH 7,2,lyophilisate,0,01% NaN3
Target	Rat
Antibody Type	Secondary Antibody
Application Dilute	ELISA Dilution: 1:20,000 - 1:100,000, Immunohistochemistry Dilution: 1:1,000 - 1:5,000, Western Blot Dilution: 1:2,000 - 1:10,000
Application Notes	Anti-RAT IgG Biotin Conjugated antibody is suitable for immunoassays where specificity to the Rat immunoglobulin heavy and or light chain regions is desired. Anti-Rat antibody has been assayed against 1.0 µg of Rat IgG in a standard capture ELISA using Peroxidase Conjugated Streptavidin and ABTS (2,2'-azino-bis-[3-ethylbenthiazoline-6-sulfonic acid]) as a substrate for 30 minutes at room temperature. A working dilution of 1:100,000 to 1:500,000 is suggested for this product. Optimal concentrations in immunoassays should be determined by the researcher.