

Product Datasheet / Instruction for use



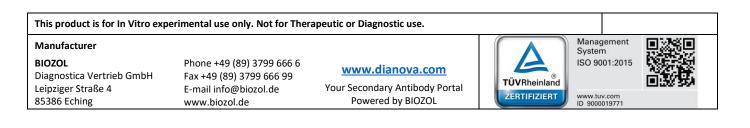
Rabbit IgG anti-Bovine IgG (H+L)-HRPO, MinX none

General Information

Catalog Number:	SEC-182734	Physical State:	Lyophilized
Quantity:	2 mg	Reconstitution Volume:	1.0 mL
		Reconstitution Buffer:	Restore with deionized water (or equivalent)
		Shipping Conditions:	at room temperature
		Product Expiration	Expiration date is one (1) year from date of opening.
Antibody Host / Fo	rmat		
Host Species:	Rabbit	Clonality / Isotype / Clon	e: polyclonal Ig
Antibody Format:	IgG whole molecule	Concentration:	2.0 mg/mL by UV absorbance at 280 nn
		Conjugation:	Horseradish Peroxidase (HRP)
		Maximum Excitation / Emission: /	
Specificity			
Target Species:	Bovine	Immunogen:	Bovine IgG whole molecule
Antibody Specificity: IgG (H+L)		Anti-Bovine IgG antibody was prepared from monospecific antiserum by immunoaffinity chromatography using Bovine IgG coupled to agarose beads. Assay by immunoelectrophoresis resulted in a single precipitin a against anti-Peroxidase, anti-Rabbit Serum, Bovine IgG and Bovine Serur	
		Minimal Cross Reactivity: none	
Formulation, Trans	port and Storage	I	
Storage Buffer:0.02 M PotassiumPhosphate,0.15 M Sodium Chloride,Phosphate,10 mg/ml PolyethyleneGlycol (PEG-8000)		Store vial at 4° C prior to restoration. For extended storage aliquot contents and freeze at -20° C or below. Avoid cycles of freezing and thawing. Centrifuge product if not completely clear after standing at room temperature. This product is stable for several weeks at 4° C as an undiluted liquid. Dilute only prior to immediate use.	
Preservatives: 0.01% (w/v) Gentamicin Sulfate		Storage Temperature: 4-8°C	
Application Recom	mondation	I	

Application: ELISA, Immunohistochemistry (IHC), Immunohistochemistry (Paraffin-embedded Sections), Immunohistochemistry (frozen sections)

Dilution: ELISA 1:10.000 - 1:50.000, Immunohistochemistry (IHC) 1:500 - 1:2,500





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Application Note:

Anti Bovine IgG antibody has been assayed against 1.0 μg of Bovine IgG in a standard capture ELISA using ABTS (2,2'-azinobis-[3-ethylbenthiazoline-6-sulfonic acid]) as a substrate for 30 minutes at room temperature. A working dilution of 1:1,000 to 1:5,000 of the reconstitution concentration is suggested for this product. Specific conditions for reactivity should be optimized by the end user.

Background Information

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 agglutination (and thereby immobilizing them), activation of the compliment cascade, and opsinization for phagocytosis. This product possesses the F(ab) region possessing the epitope-recognition site, both heavy and light chains of the antibody molecule are present.

Safety Information

This reagent contains Gentamicin Sulfate (a poisonous and hazardous substance) as preservative. Although this concentration is not regarded as dangerous to health, appropriate measures should be taken to avoid skin and eye contact, inhalation, and ingestion. Standard Laboratory Practices should be followed when handling this material.DO NOT ADD SODIUM AZIDE! Use of Sodium Azide as a preservative will substantially inhibit the enzyme activity of horseradish peroxidase!

Disclaimer

This product is warranted to perform in conformance with product specifications and to be free from defects in material and workmanship. Products are supplied for research use only. The warranty provided herein is valid only when used by properly trained individuals. Unless otherwise stated, this warranty is limited to one year from date of shipment when the product is subjected to normal, proper and intended usage. Buyer's exclusive remedy for non-conforming products during the warranty period is limited to replacement of or refund for the non-conforming product(s). There is no obligation to replace products as the result of accident or disaster or inappropriate use of the products in a manner for which they were not designed, or improper storage and handling of the products.

This product is for In Vitro experimental use only. Not for Therapeutic or Diagnostic use.

Manufacturer

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