

Product Datasheet / Instruction for use

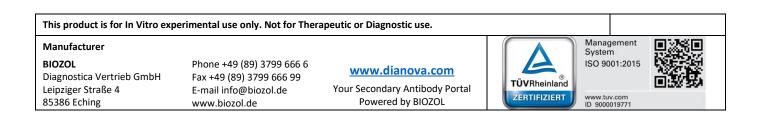


Rabbit IgG anti-Horse IgG (H+L)-Biotin, MinX none

General Information

Catalog Number: SEC	-182984	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 / Form	at		
Host Species: Rab	bit	Clonality / Isotype / Clon	ne: polyclonal Ig
Antibody Format: IgG	whole molecule	Concentration:	2.0 mg/mL by UV absorbance at 280 nm
		Conjugation:	Biotin
		Maximum Excitation / Emission: /	
Specificity			
Target Species:	Horse	Immunogen:	Horse IgG whole molecule
Antibody Specificity: IgG (H+L)		This product was prepared from monospecific antiserum by immunoaffinity chromatography using Horse IgG coupled to agarose. Assay by immunoelectrophoresis resulted in a single precipitin arc again anti-biotin, anti-Rabbit Serum, Horse IgG and Horse Serum	
		Minimal Cross Reactivity: none	
Formulation, Transpo	t and Storage		
Storage Buffer:0.02 M PotassiumPhosphate, 0.15 M Sodium Chloride, pH 7.2Stabilizer:10 mg/mL Bovine Serum		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	
Albumin (BSA) - Immunoglobulin and Protease free		undiluted liquid. Dilute only prior to immediate use.	
Preservatives: 0.01% (w/v) Sodium Azide		Storage Temperature: 4-8°C	
Application Recomme	ndation	l	

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





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Dilution: ELISA 1:20.000 - 1:100.000, Immunohistochemistry (IHC) 1:1,000 - 1:5,000, Western Blot (WB) 1:2.000 - 1:10.000

Application Note:

This product has been assayed against 1.0 ug of Horse IgG in a standard capture ELISA using Peroxidase Conjugated Streptavidin #S000-03 and ABTS (2,2'-azino-bis-[3-ethylbenthiazoline-6-sulfonic acid]) code # ABTS-100 as a substrate for 30 minutes at room temperature. A working dilution of 1:14,000 to 1:50,000 of the reconstitution concentration is suggested for this product.

Background Information

Anti-Horse IgG Biotin Antibody generated in rabbit detects horse 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, 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. The whole IgG molecule possesses both the F(c) region, recognized by high-affinity Fc receptor proteins, as well as the F(ab) region possessing the epitope-recognition site. Both heavy and light chains of the antibody molecule are present. Secondary Antibodies are available in a variety of formats and conjugate types. When choosing a secondary antibody product, consideration must be given to species and immunoglobulin specificity, conjugate type, fragment and chain specificity, level of cross-reactivity, and host-species source and fragment composition.

Safety Information

This reagent contains sodium azide (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.

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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Management System ISO 9001:2015