

BIOZOL FIT FOR SCIENCE SEC-183113 2023-02-23 1/2

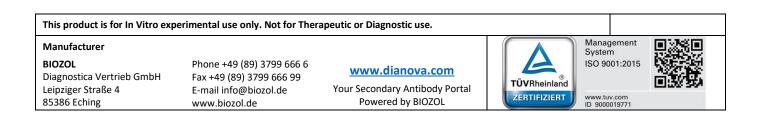
Product Datasheet / Instruction for use

# Chicken IgG anti-Human IgG (H+L)-Biotin, MinX none

# **General Information**

Catalog Number: SEC-183113	Physical State:	Lyophilized
Quantity: 1 mg	Reconstitution Volume:	1.0 mL
	<b>Reconstitution Buffer:</b>	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 / Format		
lost Species: Chicken	Clonality / Isotype / Clor	ne: polyclonal Ig
Antibody Format: IgG whole molecule	Concentration:	1.0 mg/mL by UV absorbance at 280 nm
	Conjugation:	Biotin
	Maximum Excitation / Emission: /	
pecificity		
arget Species: Human	Immunogen:	Human IgG whole molecule
Antibody Specificity: IgG (H+L)	immunoaffinity chromato Assay by immunoelectro	ed from monospecific antiserum by ography using Human IgG coupled to agarose. phoresis resulted in a single precipitin arc agains Serum, Human IgG and Human Serum.
	Minimal Cross Reactivity: none	
ormulation, Transport and Storage	I	
Storage Buffer: 0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2	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.	
tabilizer: 10 mg/mL Bovine Serum Albumin (BSA) - Immunoglobulin and Protease ree		
Preservatives: 0.01% (w/v) Sodium Azide	Storage Temperature: 4-8°C	

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





#### Product Datasheet / Instruction for use



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 Human 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 1:4,000 to 1:20,000 of the reconstitution concentration is suggested for this product.

# **Background Information**

Anti-Human IgG (H&L) Biotin generated in chicken detects human Immunoglobulin G (IgG), both heavy and light chains of the antibody molecule are present. It is a protein complex composed of four peptide chains — two identical heavy chains and two identical light chains arranged in a Y-shape typical of antibody monomers. Each IgG has two antigen binding sites. Representing approximately 75% of serum immunoglobulins in humans, IgG is the most abundant antibody isotype found in the circulation. IgG molecules are synthesized and secreted by plasma B cells. 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

BIOZOL **Diagnostica Vertrieb GmbH** Leipziger Straße 4 85386 Eching

Phone +49 (89) 3799 666 6 Fax +49 (89) 3799 666 99 E-mail info@biozol.de www.biozol.de

www.dianova.com Your Secondary Antibody Portal

Powered by BIOZOL

Management System TÜVRheinland ZERTIFIZIERT ID 9000019771

ISO 9001:2015