

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

General Information

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|-----------------------------------|----------------------------------------------------------------------------------|
| Catalog Number: SEC-182802 | Physical State: Lyophilized |
| Quantity: 1,5 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 / Format

| | |
|--------------------------------------------|------------------------------------------------------------|
| Host Species: Rabbit | Clonality / Isotype / Clone: polyclonal Ig |
| Antibody Format: IgG whole molecule | Concentration: 1.5 mg/mL by UV absorbance at 280 nm |
| | Conjugation: Biotin |
| | Maximum Excitation / Emission: / |

Specificity

| | |
|----------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Target Species: Chicken | Immunogen: Anti-Chicken IgY / IgG whole molecule was produced by repeated immunization with Chicken IgY / IgG whole molecule in rabbit. |
| Antibody Specificity: IgG (H+L) | Biotin Conjugated Anti-Chicken IgG / IgY secondary antibody was prepared from monospecific antiserum by immunoaffinity chromatography using Chicken IgG / IgY coupled to agarose beads followed by solid phase adsorption(s) to remove any unwanted reactivities. Assay by immunoelectrophoresis resulted in a single precipitin arc against anti-biotin, anti-Rabbit Serum and Chicken IgG / IgY. Some light chain cross reactivity may be observed against chicken immunoglobulins. |
| | Minimal Cross Reactivity: none |

Formulation, Transport and Storage

| | |
|-------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Storage Buffer: 0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2 | Store secondary antibody at 4° C prior to restoration. For extended storage aliquot antibody 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. |
| Stabilizer: 10 mg/mL Bovine Serum Albumin (BSA) - Immunoglobulin and Protease free | |
| Preservatives: 0.01% (w/v) Sodium Azide | Storage Temperature: 4-8°C |

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

Manufacturer

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Your Secondary Antibody Portal
Powered by BIOZOL



Management System
ISO 9001:2015
www.tuv.com
ID 900019771



Application Recommendation

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

Dilution: ELISA 1:500.000, Immunohistochemistry (IHC) 1:1,000 - 1:5,000, Western Blot (WB) 1:2.000 - 1:20.000

Application Note:

Secondary antibodies are ideal for western blotting, Immunohistochemistry, ELISA, Fluorescence Microscopy, Flow Cytometry as well as other antibody detection methods

Background Information

Anti-Chicken IgG Biotin Antibody generated in rabbit detects chicken 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 complement 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.

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.

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