

Chicken IgG anti-Goat IgG (H+L)-unconj., MinX none

General Information

Catalog Number: SEC-182892	Physical State: Liquid (sterile filtered)
Quantity: 2 mg	Reconstitution Volume:
	Reconstitution Buffer:
	Shipping Conditions: Wet Ice
	Product Expiration: Expiration date is one (1) year from date of opening.

Antibody Host / Format

Host Species: Chicken	Clonality / Isotype / Clone: polyclonal Ig
Antibody Format: IgG whole molecule	Concentration: 2.0 mg/mL by UV absorbance at 280 nm
	Conjugation: unconjugated
	Maximum Excitation / Emission: /

Specificity

Target Species: Goat	Immunogen: Goat IgG whole molecule
Antibody Specificity: IgG (H+L)	This product was prepared from monospecific antiserum by immunoaffinity chromatography using Goat IgG 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-Chicken Serum, Goat IgG and Goat Serum.
	Minimal Cross Reactivity: none

Formulation, Transport and Storage

Storage Buffer: 0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2	Store vial at 4° C prior to opening. This product is stable for several weeks at 4° C as an undiluted liquid. Dilute only prior to immediate use. For extended storage aliquot contents and freeze at -20° C or below. Avoid cycles of freezing and thawing.
Stabilizer: None	
Preservatives: 0.01% (w/v) Sodium Azide	
	Storage Temperature: 4-8°C

Application Recommendation

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

Dilution: ELISA 1:170.000, Immunohistochemistry (IHC) 1:1,000 - 1:5,000, Western Blot (WB) 1:2.000 - 1:10.000

Application Note:

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

Manufacturer

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Anti-Goat IgG antibody is suitable for ELISA, western blot, and immunohistochemistry, as well as other assays requiring lot-to-lot consistency.

Background Information

Anti-Goat IgG Antibody generated in chicken detects goat 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.

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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