Rat IgG anti-Rabbit IgG (H+L)-unconj., MinX Hu,Go,Ms

General Information

Catalog Number: SEC-183405

Quantity: 1 mg

Physical State: Liquid (sterile filtered)

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: Rat

Antibody Format: IgG whole molecule

Clonality / Isotype / Clone: polyclonal Ig

Concentration: 1.0 mg/mL by UV absorbance at 280 nm

Conjugation: unconjugated

Maximum Excitation / Emission: /

Specificity

Target Species: Rabbit

Antibody Specificity: IgG (H+L)

Immunogen: Rabbit IgG whole molecule

This product was prepared from monospecific antiserum by immunoaffinity chromatography using Rabbit 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-Rat Serum, Rabbit IgG and Rabbit Serum. No reaction was observed against Goat, Human and Mouse Serum Proteins.

Minimal Cross Reactivity: Human, Goat, Mouse

Formulation, Transport and Storage

Storage Buffer: 0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2

Stabilizer: None

Preservatives: 0.01% (w/v) Sodium Azide

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.

Storage Temperature: 4-8°C

Application Recommendation

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

Dilution: ELISA 1:900.000, Immunohistochemistry (IHC) 1:1,000 - 1:5,000, Western Blot (WB) 1:20.000 - 1:100.000

Manufacturer

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Find Secondary Antibodies

www.biozol.de

Application Note:

Anti-Rabbit IgG antibody is suitable for use in ELISA, immunohistochemistry, and western blot. Specific conditions for reactivity should be optimized by the end user.

Background Information

Anti-Rabbit IgG (H&L) generated in rat detects rabbit Immunoglobulin G. Both the Heavy and Light chains of the antibody molecule are present. Representing approximately 75% of serum immunoglobulins, 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.

Manufacturer

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