

Rabbit Antiserum anti-Rat IgG (H+L)-unconj., MinX none

General Information

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|-----------------------------------|--|
| Catalog Number: SEC-182461 | Physical State: Lyophilized |
| Quantity: 2 ml | Reconstitution Volume: 2.0 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

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|-----------------------------------|---|
| Host Species: Rabbit | Clonality / Isotype / Clone: polyclonal Ig |
| Antibody Format: Antiserum | Concentration: 80 mg/mL by Refractometry |
| | Conjugation: unconjugated |
| | Maximum Excitation / Emission: / |

Specificity

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|--|---|
| Target Species: Rat | Immunogen: Rat IgG whole molecule |
| Antibody Specificity: IgG (H+L) | This product was prepared from monospecific antiserum by a delipidation and defibrination. Assay by immunoelectrophoresis resulted in a single precipitin arc against anti-rabbit serum, Rat IgG and Rat Serum. |
| | Minimal Cross Reactivity: none |

Formulation, Transport and Storage

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| Storage Buffer: 0.01 M Sodium 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. |
| Stabilizer: None | |
| Preservatives: None | |
| | Storage Temperature: 4-8°C |

Application Recommendation

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

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

Manufacturer

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Management System
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ID 900019771

Application Note:

Anti-Rat 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-Rat IgG (H&L) generated in rabbit detects rat 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

The product contains no hazardous constituents. 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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