

Rabbit IgG anti-Mouse IgG (H+L)-HRPO, MinX none

General Information

Catalog Number: SEC-183266	Physical State: Lyophilized
Quantity: 2 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: 2.0 mg/mL by UV absorbance at 280 nm
	Conjugation: Horseradish Peroxidase (HRP)
	Maximum Excitation / Emission: /

Specificity

Target Species: Mouse	Immunogen: Mouse IgG whole molecule
Antibody Specificity: IgG (H+L)	HRP Secondary Antibody Conjugate was prepared from monospecific antiserum by immunoaffinity chromatography using Mouse IgG coupled to agarose beads. Assay by immunoelectrophoresis resulted in a single precipitin arc against anti-Peroxidase, anti-Rabbit Serum, Mouse IgG and Mouse 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 mouse secondary antibody conjugate 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) Gentamicin Sulfate	
	Storage Temperature: 4-8°C

Application Recommendation

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

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

Manufacturer

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Dilution: ELISA 1:50.000 - 1:300.000, Immunohistochemistry (IHC) 1:500 - 1:2,500, Western Blot (WB) 1:10.000 - 1:30.000

Application Note:

Anti-Mouse secondary antibody conjugated to horseradish peroxidase (HRP) generated in rabbit detects specifically Mouse IgG whole molecule. This anti-Mouse HRP antibody is suitable for ELISA, Sandwich ELISA, titration assays, western-blot, immunoprecipitation, Immunohistochemistry as well as other HRP antibody based assays. Specific conditions for reactivity and signal detection should be optimized by the end user.

Background Information



Secondary antibodies bind to the primary antibody to assist in detection, sorting and purification of target antigens. To enable detection, the secondary antibody must have specificity for the antibody species and isotype of the primary antibody being used and generally is conjugated. Rockland produces highly active antibodies and conjugates against mouse immunoglobulins. Anti-Mouse Secondary Antibodies are affinity-purified polyclonal antibodies with well-characterized specificity for mouse immunoglobulin classes, subclasses, and fragments. They are available as unlabeled antibodies as well as conjugates of alkaline phosphatase (AP), horseradish peroxidase (HRP), fluorescent conjugates, and biotin. This Anti-MOUSE IgG generated in rabbit is designed to detect heavy and light chains (H&L) and has been Peroxidase (HRP) conjugated. Rigorous quality control testing ensures that the finished product meets or exceeds out high standards for optimum performance in your assays. These secondary antibodies are used throughout various types of assays, including ELISA or Western Blot, Immunohistochemistry, Flow Cytometry. Optimal secondary antibody requires knowledge of the detection assay.

Safety Information

This reagent contains Gentamicin Sulfate (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. DO NOT ADD SODIUM AZIDE! Use of Sodium Azide as a preservative will substantially inhibit the enzyme activity of horseradish peroxidase!

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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