

Rabbit IgG anti-Human IgG (F(ab')₂)-unconj., MinX Ms

General Information

Catalog Number: SEC-183060

Quantity: 2 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: Rabbit

Antibody Format: IgG whole molecule

Clonality / Isotype / Clone: polyclonal Ig

Concentration: 2.0mg/mL by UV absorbance at 280 nm

Conjugation: unconjugated

Maximum Excitation / Emission: /

Specificity

Target Species: Human

Antibody Specificity: IgG (F(ab')₂ Fragment)

Immunogen: Anti-Human IgG F(ab')₂ fragment was produced in rabbit by repeated immunization with human IgG F(ab')₂ fragment.

Anti-Human IgG F(ab')₂ antibody was prepared from monospecific antiserum by immunoaffinity chromatography using Human 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-Rabbit Serum, Human IgG, Human IgG F(ab')₂ and Human Serum. No reaction was observed against Human IgG F(c) or Mouse Serum Proteins.

Minimal Cross Reactivity: 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

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

Manufacturer

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Your Secondary Antibody Portal
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Management System
ISO 9001:2015

www.tuv.com
ID 900019771



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

Dilution: ELISA 1:350.000, Immunohistochemistry (IHC) 1:1,000 - 1:5,000, Western Blot (WB) 1:3.000 - 1:15.000

Application Note:

Anti-Human IgG F(ab')₂ antibody is suitable for western blotting, IHC and for ELISA. Researchers should determine optimal titers for applications that are not stated below.

Background Information

Anti-Human IgG F(ab')₂ Antibody generated in rabbit recognizes the dimeric Fab portion of the human IgG molecule. Human IgG F(ab')₂ is a proteolytic fragment of immunoglobulin G (IgG) obtained by limited digestion with the enzyme pepsin under controlled conditions of temperature, time and pH. F(ab')₂ molecules lack the Fc portion of IgG and therefore receptors that bind human IgG F(c) will not bind human IgG F(ab')₂ molecules. 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. Anti-Human IgG F(ab')₂ Antibody is ideal for investigators in Immunology, Cancer, and Microbiology research.

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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