

Rabbit IgG anti-Mouse IgG (F(ab')₂)-unconj., MinX none

General Information

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|-----------------------------------|--|
| Catalog Number: SEC-182590 | Physical State: Lyophilized |
| Quantity: 50 mg | Reconstitution Volume: 5.0 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: IgG whole molecule | Concentration: 10.0 mg/mL by UV absorbance at 280 nm |
| | Conjugation: unconjugated |
| | Maximum Excitation / Emission: / |

Specificity

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| Target Species: Mouse | Immunogen: Mouse IgG F(ab') ₂ fragment |
| Antibody Specificity: IgG (F(ab') ₂ Fragment) | This product is an IgG fraction antibody purified from monospecific antiserum by a multi-step process which includes delipidation, salt fractionation and ion exchange chromatography followed by extensive dialysis against the buffer stated above. Assay by immunoelectrophoresis resulted in a single precipitin arc against anti-Rabbit Serum, Mouse IgG, Mouse IgG F(ab') ₂ and Mouse Serum. No reaction was observed against Mouse IgG F(c). |
| | 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

| | | |
|---|---|---|
| This product is for In Vitro experimental use only. Not for Therapeutic or Diagnostic use. | | |
| Manufacturer BIOZOL Diagnostica Vertrieb GmbH Leipziger Straße 4 85386 Eching | Phone +49 (89) 3799 666 6 Fax +49 (89) 3799 666 99 E-mail info@biozol.de www.biozol.de | <div style="text-align: center;"> www.dianova.com Your Secondary Antibody Portal Powered by BIOZOL </div> <div style="text-align: center;">  </div> |
| | 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 1:20.000 - 1:100.000, Immunohistochemistry (IHC) 1:1,000 - 1:5,000, Western Blot (WB) 1:2.000 - 1:10.000

Application Note:

Anti-Mouse IgG F(ab')₂ antibody is suitable for ELISA, western blot, and immunohistochemistry, as well as other assays requiring lot-to-lot consistency.

Background Information

Anti-Mouse IgG F(ab')₂ Antibody generated in rabbit recognizes the dimeric Fab portion of the mouse IgG molecule. Mouse 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 mouse IgG F(c) will not bind mouse 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.

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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Manufacturer

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