

Goat IgG anti-Mouse IgG3 (Fc)-FITC, MinX none

General Information

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|-----------------------------------|--|
| Catalog Number: SEC-183126 | Physical State: Lyophilized |
| Quantity: 1 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

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|--|--|
| Host Species: Goat | Clonality / Isotype / Clone: polyclonal Ig |
| Antibody Format: IgG whole molecule | Concentration: 1.0 mg/mL by UV absorbance at 280 nm |
| | Conjugation: FITC (Fluoresceinisothiocyanat) |
| | Maximum Excitation / Emission: 492 nm / 520 nm |

Specificity

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|--|---|
| Target Species: Mouse | Immunogen: Mouse IgG3 heavy chain |
| Antibody Specificity: IgG3 (IgG Fc gamma 3) | Anti-MOUSE IgG3 (Gamma 3 chain) Antibody was prepared from monospecific antiserum by immunoaffinity chromatography using antigens 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-fluorescein, anti-Goat Serum, Mouse Serum and Mouse IgG3. No reaction was observed against Bovine, Human, and Rabbit Serum Proteins. Specificity was confirmed by ELISA at less than 1% of target signal. |
| | Minimal Cross Reactivity: none |

Formulation, Transport and Storage

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| Storage Buffer: 0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2 | Store vial 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) Sodium Azide | |
| | 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: FLISA, Flow Cytometry, Immunohistochemistry (IHC), Immunohistochemistry (Paraffin-embedded Sections), Immunohistochemistry (frozen sections), Immunofluorescence, Western Blot

Dilution: FLISA 1:10.000 - 1:50.000, Flow cytometry 1:200 - 1:500, Immunohistochemistry (IHC) 1:1,000 - 1:5,000, Immunofluorescence 1:1,000 - 1:5,000, Western Blot (WB) 1:2.000 - 1:10.000

Application Note:

Anti-Mouse IgG3 secondary antibody is suitable for Flow Cytometry, Immunohistochemistry and Immunofluorescence Microscopy, ELISA, western blotting as well as other anti IgG2b antibody based assays. Mouse IgG3 secondary antibody is available in a variety of formats.

Background Information

Anti-Mouse IgG3 Fluorescein Antibody generated in goat detects reactivity to Mouse IgG3 (Gamma 3 chain). Secreted as part of the adaptive immune response by plasma B cells, immunoglobulin G constitutes 75% of serum immunoglobulins. IgG3 comprises almost 10% of the IgG subclass and has a high affinity for binding to the Fc receptor of phagocytic 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.

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