

Goat IgG anti-Mouse IgM (μ)-unconj., MinX none

General Information

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|-----------------------------------|--|
| Catalog Number: SEC-183161 | Physical State: Liquid (sterile filtered) |
| Quantity: 2 mg | Reconstitution Volume: |
| | Reconstitution Buffer: |
| | Shipping Conditions: Wet Ice |
| | 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: 2.1 mg/mL by UV absorbance at 280 nm |
| | Conjugation: unconjugated |
| | Maximum Excitation / Emission: / |

Specificity

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|---|--|
| Target Species: Mouse | Immunogen: Mouse IgM whole molecule |
| Antibody Specificity: IgM (μ -Chain/ Fc Fragment) | Anti-Mouse IgM (μ chain) was prepared from monospecific antiserum by immunoaffinity chromatography using Mouse IgM coupled to agarose followed by solid phase adsorption(s). Assay by immunoelectrophoresis resulted in a single precipitin arc against anti-Goat Serum, Mouse IgM and Mouse Serum. No reaction was observed against other mouse heavy or light chain proteins. |
| | 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 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. |
| Stabilizer: None | |
| Preservatives: 0.01% (w/v) Sodium Azide | |
| | Storage Temperature: 4-8°C |

Application Recommendation

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| Application: ELISA, Immunohistochemistry (IHC), Immunohistochemistry (Paraffin-embedded Sections), Immunohistochemistry (frozen sections), Western Blot |
| Dilution: ELISA 1:20.400 - 1:40.400, 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
ISO 9001:2015

www.tuv.com
ID 900019771



Application Note:

Anti-Mouse IgM (mu chain) is suitable for immunoblotting (western or dot blot), ELISA, and immunohistochemistry assays requiring lot-to-lot consistency.

Background Information

Anti-Mouse IgM (mu chain) antibody generated in goat detects specifically mouse IgM (mu chain). Immunoglobulin M is the largest antibody isotype and the first to be secreted against an initial exposure to antigen. IgM is predominantly produced in the spleen. Formed from covalently linking 5 immunoglobulins together, the approximate molecular weight of IgM is 900kDa and possesses 10 binding sites (though due to the size of most antigens, not all sites are capable of binding at once). Due to this large size, IgM is typically isolated to the serum. Anti-Mouse IgM antibody is ideal for investigators in Immunology, Microbiology, and Cell Biology.

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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