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Datasheet for ABIN102653

Goat anti-Monkey IgM (Chain mu) Antibody (Texas Red (TR)) - Preadsorbed

Overview

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| Quantity: | 1 mg |
| Target: | IgM |
| Binding Specificity: | Chain mu |
| Reactivity: | Monkey |
| Host: | Goat |
| Clonality: | Polyclonal |
| Conjugate: | Texas Red (TR) |
| Application: | Flow Cytometry (FACS), FLISA, Fluorescence Microscopy (FM) |

Product Details

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| Immunogen: | Immunogen: Monkey IgM whole molecule |
| Isotype: | IgG |
| Specificity: | IgM μ chain |
| Characteristics: | Concentration Definition: by UV absorbance at 280 nm |
| Purification: | PreadSORption: Solid phase absorption |
| Labeling Ratio: | 3.0 |

Target Details

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| Target: | IgM |
| Abstract: | IgM Products |

Target Details

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| Target Type: | Antibody |
| Background: | <p>Synonyms: Goat Anti-Monkey IgM Antibody Texas Red™ Conjugation, Goat Anti-Monkey IgM Texas Red™ Conjugated Antibody</p> <p>Background: Anti-Monkey IgM (mu chain) Texas Red conjugated antibody generated in goat specifically detects monkey IgM. 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 900 kDa 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-Monkey IgM antibody is ideal for investigators in Immunology, Microbiology, and Cell Biology.</p> |

Application Details

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| Application Notes: | <p>Application Note: This product is designed for immunofluorescence microscopy, fluorescence based plate assays (FLISA) and fluorescent western blotting. This product is also suitable for multiplex analysis, including multicolor imaging, utilizing various commercial platforms.</p> <p>FLISA Dilution: 1:10,000 - 1:50,000</p> <p>Flow Cytometry Dilution: 1:500 - 1:2,500</p> <p>IF Microscopy Dilution: 1:1,000 - 1:5,000</p> |
| Comment: | Texas Red™ is a registered trademark of Molecular Probes Inc. |
| Restrictions: | For Research Use only |

Handling

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| Format: | Lyophilized |
| Reconstitution: | <p>Reconstitution Volume: 1.0 mL</p> <p>Reconstitution Buffer: Restore with deionized water (or equivalent)</p> |
| Concentration: | 1.0 mg/mL |
| Buffer: | <p>Buffer: 0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2</p> <p>Stabilizer: 10 mg/mL Bovine Serum Albumin (BSA) - Immunoglobulin and Protease free</p> <p>Preservative: 0.01 % (w/v) Sodium Azide</p> |
| Preservative: | Sodium azide |
| Precaution of Use: | This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which |

Handling

should be handled by trained staff only.

Handling Advice: Product is photosensitive and should be protected from light.

Storage: RT,4 °C,-20 °C

Expiry Date: 12 months