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Datasheet for ABIN5608067

Goat anti-Monkey IgA, IgG, IgM (Heavy & Light Chain) Antibody (Texas Red (TR)) - Preadsorbed

Overview

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

Product Details

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| Immunogen: | Immunogen: Monkey IgG, IgA and IgM whole molecules |
| Isotype: | IgG |
| Characteristics: | 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. |
| Purification: | Preadsorption: immunoaffinity chromatography using antigens coupled to agarose beads |

Target Details

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| Target: | IgA, IgG, IgM |
| Alternative Name: | IgG IgA IgM (IgA , IgG , IgM Products) |

Target Details

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| Target Type: | Antibody |
| Background: | <p>Synonyms: Goat Anti-Monkey IgG IgA IgM Antibody Texas Red™ Conjugated, Goat Anti Monkey IgG IgA IgM Antibody Texas Red™ Conjugated, Goat Anti Monkey IgGAM Antibody Texas Red™ Conjugated</p> <p>Background: Anti-Monkey IgG IgA IgM (H&L) Antibody generated in goat detects monkey (heavy and light chain) immunoglobulin G, A, and M. Immunoglobulin G binds to antigens and can neutralize or opsinize targets, and are predominantly involved in the secondary immune response. Immunoglobulin A (IgA) is an antibody that plays a critical role in mucosal immunity. IgA has two subclasses (IgA1 and IgA2) and can exist in a dimeric form called secretory IgA (sIgA). Immunoglobulin M, or IgM, is a pentamer composed of 5 immunoglobulin molecules linked through their F(c) domain by the J chain. 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. This Anti-Monkey IgG IgA IgM is conjugated to Texas Red™.</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> |
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| Restrictions: | For Research Use only |
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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> |

Handling

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| Preservative: | Sodium azide |
| Precaution of Use: | This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only. |
| Storage: | RT,4 °C,-20 °C |
| Storage Comment: | 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. |
| Expiry Date: | 12 months |