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Datasheet for ABIN101214

Rabbit anti-Goat IgG (Heavy & Light Chain) Antibody (TRITC) - Preadsorbed

Overview

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| Quantity: | 2 mg |
| Target: | IgG |
| Binding Specificity: | Heavy & Light Chain |
| Reactivity: | Goat |
| Host: | Rabbit |
| Clonality: | Polyclonal |
| Conjugate: | TRITC |
| Application: | Flow Cytometry (FACS), FLISA, Fluorescence Microscopy (FM) |

Product Details

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| Immunogen: | Immunogen: Goat IgG whole molecule |
| Isotype: | IgG |
| Specificity: | IgG (H&L) |
| Characteristics: | Concentration Definition: by UV absorbance at 280 nm |
| Purification: | Preadsorption: immunoaffinity chromatography using Goat IgG coupled to agarose beads |
| Labeling Ratio: | 1.9 |

Target Details

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| Target: | IgG |
| Abstract: | IgG Products |

Target Details

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| Target Type: | Antibody |
| Background: | <p>Synonyms: Rabbit anti-Goat IgG Antibody Rhodamine Conjugation, Rabbit anti-Goat IgG Rhodamine Conjugated Antibody</p> <p>Background: F(ab')₂ Anti-Goat IgG Texas Red Antibody was generated by enzymatic cleavage and subsequent separation from the Fc fragment. Because of their smaller size, F(ab)₂ fragments offer several advantages over intact antibodies for use in certain immunochemical techniques and experimental applications. F(ab)₂ fragments penetrate tissue samples and show better antigen recognition and signal generation in IHC. F(ab)₂ fragments lack the Fc region and therefore do not bind Fc receptors which effectively lowers background staining. F(ab')₂ Antibody is ideal for investigators who routinely perform flow cytometry, immunohistochemistry or IHC and other immunoassays.</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: | 2.0 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 should be handled by trained staff only. |

Handling

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

Storage: RT,4 °C,-20 °C

Expiry Date: 12 months