



SHEEP IgG F(c) fragment Rhodamine conjugated - 013-0003

Code: 013-0003

Size: 1 mg

Product Description: SHEEP IgG F(c) fragment Rhodamine conjugated - 013-0003

PhysicalState: Lyophilized

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| Label | Rhodamine (TRITC) |
| Emission Wavelength | 570 |
| Excitation Wavelength | 550 |
| Buffer | 0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2 |
| Reconstitution Volume | 1.0 mL |
| Reconstitution Buffer | Restore with deionized water (or equivalent) |
| Stabilizer | 10 mg/mL Bovine Serum Albumin (BSA) - Immunoglobulin and Protease free |
| Preservative | 0.01% (w/v) Sodium Azide |
| Storage Condition | 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. |
| Synonyms | Sheep IgG F(c) fragment Rhodamine conjugation, Sheep IgG F(c) fragment TRITC conjugate |
| Application Note | SHEEP IgG F(c) fragment Rhodamine conjugated 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. |
| Background | Secreted as part of the adaptive immune response by plasma B cells, immunoglobulin G constitutes 75% of serum immunoglobulins. Immunoglobulin G binds to viruses, bacteria, as well as fungi and facilitates their destruction or neutralization via agglutination (and thereby immobilizing them), activation of the compliment cascade, and opsinization for phagocytosis. This product possesses the F(c) region, recognized by high-affinity Fc receptor proteins. |
| Purity And Specificity | This product was prepared from normal serum by delipidation, salt fractionation, ion exchange chromatography followed by papain digestion and extensive dialysis against the buffer stated above. Assay by immunoelectrophoresis resulted in a single precipitin arc against anti-Sheep IgG, anti-Sheep IgG F(c) and anti-Sheep Serum. No reaction was observed against anti-Sheep IgG F(ab') ₂ or anti-Papain. |
| Expiration | Expiration date is one (1) year from date of opening. |

Related Products

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| 010-0102 | MOUSE IgG whole molecule - 010-0102 |
| 610-4302 | Anti-MOUSE IgG (H&L) (RABBIT) Antibody Peroxidase Conjugated - 610-4302 |
| 611-1302 | Anti-RABBIT IgG (H&L) (GOAT) Antibody Peroxidase Conjugated - 611-1302 |
| BSA-50 | BOVINE SERUM ALBUMIN - Fraction V (Immunoglobulin and Protease Free) - BSA-50 |

Disclaimer

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