



SHEEP IgG Fab fragment Biotin conjugated - 013-0605

Code: 013-0605

Size: 1 mg

Product Description: SHEEP IgG Fab fragment Biotin conjugated - 013-0605

Concentration: 1.0 mg/mL by UV absorbance at 280 nm

PhysicalState: Lyophilized

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| Label | Biotin |
| 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 Fab Fragment Biotin conjugate, Sheep IgG Fab Biotin conjugation |
| Application Note | Sheep IgG Fab fragment reagents are ideal for ELISA, western blotting, Immunohistochemistry, as well as other antibody detection methods. |
| Background | Sheep IgG Biotin Conjugated Fab Fragment - 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 complement cascade, and opsinization for phagocytosis. The F(ab) fragment is the portion of the antibody that binds to the antigen target. The immunoglobulin Fab also possesses one constant and one variable region of both the heavy and light chain. |
| Purity And Specificity | This product was prepared from normal serum 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-biotin, anti-Sheep IgG, anti-Sheep IgG F(ab') ₂ and anti-Sheep Serum. No reaction was observed against anti-Sheep IgG F(c) or anti-Papain. |
| Assay Dilutions | User Optimized |
| Other Assays | User Optimized |
| 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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