

F(ab')₂ Anti-HUMAN IgM Fc₅μ (GOAT) Antibody Biotin Conjugated - 709-1631

Code: 709-1631

Size: 500 μg

Product Description: F(ab')₂ Anti-HUMAN IgM Fc₅μ (GOAT) Antibody Biotin Conjugated - 709-1631

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

PhysicalState: Lyophilized

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| Label | Biotin |
| Host | Goat |
| Buffer | 0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2 |
| Reconstitution Volume | 500 μL |
| 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 | Goat F(ab') ₂ Anti-Human IgM Fc ₅ μ Antibody Biotin Conjugation, Goat Fab ₂ Anti-Human IgM Fc ₅ μ Biotin Conjugated Antibody |
| Application Note | Suitable for immunomicroscopy and flow cytometry or FACS analysis as well as other antibody based fluorescent assays requiring lot-to-lot consistency. F(ab') ₂ Anti-Human IgM Fc ₅ μ Biotin Antibody 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 | F(ab') ₂ Anti-Human IgM Fc ₅ μ Biotin Antibody generated in goat detects specifically the Fc ₅ portion of the human IgM heavy chain. 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. F(ab') ₂ Anti-Human IgM Fc ₅ μ antibody is ideal for investigators in Immunology, Microbiology, and Cell Biology. |
| Purity And Specificity | This product was prepared from monospecific antiserum by immunoaffinity chromatography using Human IgM coupled to agarose beads followed by solid phase adsorption(s) to remove any unwanted reactivities, pepsin digestion and chromatographic separation. Assay by immunoelectrophoresis resulted in a single precipitin arc against anti-Biotin, anti-Goat Serum, Human IgM Fc ₅ μ and Human Serum. No reaction was observed against anti-Pepsin, anti-Goat IgG F(c) or other human heavy or light chain proteins. |
| Assay Dilutions | User Optimized |
| ELISA | 1:10,000 - 1:50,000 |
| Western Blot | 1:1,000 - 1:5,000 |
| Immunohistochemistry | 1:500 - 1:3,000 |
| Other Assays | User Optimized |
| Expiration | Expiration date is one (1) year from date of opening. |
| Immunogen | Human IgM Fc ₅ μ fragment |
| Related Products | |
| 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 |
| B304 | NORMAL GOAT SERUM (NGS) - B304 |

Disclaimer

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