HUMAN IgM (myeloma) Fc5µ fragment Fluorescein conjugated - 009-0231

Code: 009-0231 **Size:** 1 mg

Product Description: HUMAN IgM (myeloma) Fc5µ fragment Fluorescein conjugated - 009-0231

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

PhysicalState: Lyophilized

Label	Fluorescein (FITC)
Emission Wavelength	528
Excitation Wavelength	495
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	Human IgM Fc5µ fluorescein conjugation, Human myeloma IgM Fc5µ FITC conjugation
Application Note	Human IgM (myeloma) Fc5µ fragment Fluorescein conjugation 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	Human IgM (myeloma) Fc5µ fragment Fluorescein conjugate consists of only the µ (mu) chain of the Fc fragment. Immunoglobulin M is the largest antibody isotype and the first to be secrected against an initial exposure to antigen. IgM is predominantly produced in the spleen. IgM is formed from covalently linking 5 immunoglobulins together. Due to this large size, IgM is typically isolated to the serum.
Purity And Specificity	This product was prepared from normal serum by delipidation, salt fractionation and ion change chromatography followed by trypsin digestion and extensive dialysis against the buffer stated above. Assay by immunoelectrophoresis resulted in a single precipitin arc against anti-Fluorescein, anti-Human IgM Fc5µ and anti-Human Serum. No reaction was observed against anti-Human IgG F(ab')2 or anti-Trypsin.
Assay Dilutions	User Optimized
Other Assays	User Optimized
Expiration	Expiration date is one (1) year from date of opening.

Related Products

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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