HUMAN IgG F(ab')2 fragment Fluorescein conjugated - 009-0204

Code: 009-0204 **Size:** 1 mg

Product Description: HUMAN IgG F(ab')2 fragment Fluorescein conjugated - 009-0204

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

PhysicalState: Lyophilized

Label	Fluorescein (FITC)
Emission Wavelength	528
Excitation Wavelength	495
Buffer	0.01 M Sodium 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) Thimerosal
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 IgG F(ab')2 fragment fluorescein conjugation, Human IgG F(ab')2 fragment FITC conjugated
Application Note	Human IgG F(ab')2 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 IgG F(ab')2 purified protein is a proteolytic fragment of immunoglobulin G (IgG) obtained by limited digestion with the enzyme pepsin under controlled conditions of temperature, time and pH. Human IgG F(ab')2 molecules lack the Fc portion of Human IgG and therefore receptors that bind Human IgG Fc will not bind Human IgG F(ab')2 molecules.
Purity And Specificity	This product was prepared from normal serum by delipidation, salt fractionation and ion change chromatography followed by pepsin digestion and extensive dialysis against the buffer stated above. Assay by immunoelectrophoresis resulted in a single precipitin arc against anti-Fluorescein, anti-Human IgG, anti-Human IgG F(ab')2 and anti-Human Serum. No reaction was observed against anti-Human IgG F(ab')2 or anti-Pepsin.
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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