

Datasheet for ABIN965101

## Goat anti-Human IgM (Fc5mu Region) Antibody (FITC) - Preadsorbed



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### Overview

Quantity:	1 mg
Target:	IgM
Binding Specificity:	Fc5mu Region
Reactivity:	Human
Host:	Goat
Clonality:	Polyclonal
Conjugate:	FITC
Application:	Flow Cytometry (FACS), Fluorescence Microscopy (FM)

### Product Details

Immunogen:	Immunogen: Human IgM Fc5mu fragment
Isotype:	IgG
Fragment:	F(ab') <sub>2</sub> fragment
Specificity:	Assay by immunoelectrophoresis resulted in a single precipitin arc against anti-Fluorescein, anti-Goat Serum, Human IgM and Human Serum.
Characteristics:	This product 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.
Purification:	Preadsorption: Solid phase absorption
Labeling Ratio:	3.7

## Target Details

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Target:	IgM
Abstract:	<a href="#">IgM Products</a>
Target Type:	Antibody
Background:	<p>Synonyms: Goat F(ab')<sub>2</sub> Anti-Human IgM Fc5<math>\mu</math> Antibody Fluorescein Conjugation, Goat Fab2 Anti-Human IgM Fc5<math>\mu</math> FITC Conjugated Antibody</p> <p>Background: F(ab')<sub>2</sub> Anti-Human IgM Fc5<math>\mu</math> Fluorescein Antibody generated in goat detects specifically the Fc5<math>\mu</math> 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')<sub>2</sub> Anti-Human IgM Fc5<math>\mu</math> antibody is ideal for investigators in Immunology, Microbiology, and Cell Biology.</p>

## Application Details

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Application Notes:	<p>Application Note: F(ab')<sub>2</sub> Anti-Human IgM Fc5<math>\mu</math> Fluorescein 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. Suitable for immunomicroscopy and flow cytometry or FACS analysis as well as other antibody based fluorescent assays requiring extremely low background levels, absence of F(c) mediated binding, lot-to-lot consistency, high titer and specificity.</p> <p>Flow Cytometry Dilution: 1:500-1:2,500</p> <p>IF Microscopy Dilution: 1:500 - 1:2,500</p>
Comment:	Excitation/Emission wavelength: 494 nm/514 nm
Restrictions:	For Research Use only

## Handling

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Format:	Lyophilized
Reconstitution:	Reconstitution Volume: 1.0 mL Reconstitution Buffer: Restore with deionized water (or equivalent)
Concentration:	1.0 mg/mL
Buffer:	Buffer: 0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2 Stabilizer: 10 mg/mL Polyethylene Glycol (PEG-8000)

## Handling

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Preservative: 0.01 % (w/v) Sodium Azide

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Preservative: Sodium azide

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Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

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Handling Advice: Product is photosensitive and should be protected from light.  
Avoid cycles of freezing and thawing.  
Do NOT add Sodium Azide!

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Storage: RT, 4 °C, -20 °C

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Storage Comment: Store vial at -20 °C prior to opening. Aliquot contents and freeze at -20 °C or below for extended storage. This product is stable for several weeks at 0 °C as an undiluted liquid.

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Expiry Date: 12 months