

Datasheet for ABIN102634

**Rabbit anti-Human IgM (Heavy Chain) Antibody (FITC)**[Go to Product page](#)

## Overview

Quantity:	20 mg
Target:	IgM
Binding Specificity:	Heavy Chain
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	FITC
Application:	Flow Cytometry (FACS), FLISA, Fluorescence Microscopy (FM)

## Product Details

Immunogen:	Immunogen: Human IgM mu heavy chain
Isotype:	IgG
Specificity:	IgM $\mu$ chain
Characteristics:	Concentration Definition: by UV absorbance at 280 nm
Purification:	This product is an IgG fraction antibody purified from monospecific antiserum by a multi-step process which includes delipidation, salt fractionation and ion exchange chromatography followed by extensive dialysis against the buffer stated above. Assay by immunoelectrophoresis resulted in a single precipitin arc against anti-fluorescein, anti-Rabbit Serum, Human IgM and Human Serum. No reaction was observed against Human IgG.
Labeling Ratio:	4.3

## Target Details

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Target:	IgM
Abstract:	<a href="#">IgM Products</a>
Target Type:	Antibody
Background:	<p>Synonyms: rabbit anti-Human IgM (mu chain) Fluorescein Conjugated Antibody, rabbit anti-Human IgM mu chain FITC Conjugated Antibody, rabbit anti-Human IgM mu chain Antibody Fluorescein Conjugation, rabbit anti-Human IgM (mu chain) Antibody FITC Conjugation</p> <p>Background: Anti-Human IgM (mu heavy chain) Fluorescein generated in rabbit detects specifically Human IgM mu 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. Anti-Human IgM mu chain antibody is ideal for investigators in Immunology, Microbiology, and Cell Biology.</p>

## Application Details

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Application Notes:	<p>Application Note: Anti-Human IgM (mu heavy chain) Fluorescein 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.</p> <p>FLISA Dilution: 1:10,000 - 1:50,000</p> <p>Flow Cytometry Dilution: 1:500 - 1:2,500</p> <p>IF Microscopy Dilution: 1:1,000 - 1:5,000</p>
Comment:	Excitation/Emission wavelength: 494 nm/514 nm
Restrictions:	For Research Use only

## Handling

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Format:	Lyophilized
Reconstitution:	Reconstitution Volume: 2.0 mL Reconstitution Buffer: Restore with deionized water (or equivalent)
Concentration:	10.0 mg/mL
Buffer:	Buffer: 0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2 Stabilizer: 10 mg/mL Bovine Serum Albumin (BSA) - Immunoglobulin and Protease free Preservative: 0.01 % (w/v) Sodium Azide
Preservative:	Sodium azide

## Handling

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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.

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Storage: RT, 4 °C, -20 °C

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Expiry Date: 12 months