

Datasheet for ABIN102627

Goat anti-Human IgM (Heavy & Light Chain) Antibody (FITC) - Preadsorbed



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Overview

Quantity:	1 mg
Target:	IgM
Binding Specificity:	Heavy & Light Chain
Reactivity:	Human
Host:	Goat
Clonality:	Polyclonal
Conjugate:	FITC
Application:	Flow Cytometry (FACS), FLISA, Fluorescence Microscopy (FM)

Product Details

Immunogen:	Immunogen: Human IgM whole molecule
Isotype:	IgG
Specificity:	IgM μ chain
Characteristics:	Concentration Definition: by UV absorbance at 280 nm
Purification:	PreadSORPTION: Solid phase absorption
Labeling Ratio:	6.6

Target Details

Target:	IgM
Abstract:	IgM Products

Target Details

Target Type:	Antibody
Background:	<p>Synonyms: Goat Anti-Human IgM (mu chain) Antibody Fluorescein Conjugation, Goat Anti-human IgM mu chain Antibody FITC Conjugated</p> <p>Background: Anti-Human IgM (mu heavy chain) Fluorescein generated in goat 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

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

Format:	Lyophilized
Reconstitution:	<p>Reconstitution Volume: 1.0 mL</p> <p>Reconstitution Buffer: Restore with deionized water (or equivalent)</p>
Concentration:	1.0 mg/mL
Buffer:	<p>Buffer: 0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2</p> <p>Stabilizer: 10 mg/mL Bovine Serum Albumin (BSA) - Immunoglobulin and Protease free</p> <p>Preservative: 0.01 % (w/v) Sodium Azide</p>
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Product is photosensitive and should be protected from light.

Handling

Storage: RT,4 °C,-20 °C

Expiry Date: 12 months