

Datasheet for ABIN965129

Goat anti-Human IgM (Fc5mu Region) Antibody (Texas Red (TR)) - Preadsorbed



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Overview

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

Product Details

Immunogen:	Immunogen: Human IgM Fc5mu fragment
Isotype:	IgG
Fragment:	F(ab') ₂ fragment
Specificity:	Assay by immunoelectrophoresis resulted in a single precipitin arc against 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:	2.8

Target Details

Target:	IgM
Abstract:	IgM Products
Target Type:	Antibody
Background:	<p>Synonyms: Goat F(ab')₂ Anti-Human IgM Fc5μ Antibody Texas Red™ Conjugation, Goat Fab2 Anti-Human IgM Fc5μ Texas Red™ Conjugated Antibody</p> <p>Background: F(ab')₂ Anti-Human IgM Fc5μ Texas Red Antibody generated in goat detects specifically the Fc5μ 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')₂ Anti-Human IgM Fc5μ antibody is ideal for investigators in Immunology, Microbiology, and Cell Biology.</p>

Application Details

Application Notes:	<p>Application Note: F(ab')₂ Anti-Human IgM Fc5μ Texas Red 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.</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:	Texas Red™ is a registered trademark of Molecular Probes Inc.
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

Handling

Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid cycles of freezing and thawing. Product is photosensitive and should be protected from light.
Storage:	RT, 4 °C, -20 °C
Storage Comment:	Store vial at 4 °C prior to restoration. For extended storage aliquot contents and freeze at -24 °C or below. This product is stable for several weeks at 4 °C as an undiluted liquid.
Expiry Date:	12 months