

Datasheet for ABIN965119

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



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### Overview

Quantity:	500 µg
Target:	IgM
Binding Specificity:	Fc5mu Region
Reactivity:	Human
Host:	Goat
Clonality:	Polyclonal
Conjugate:	Biotin
Application:	ELISA, Immunohistochemistry (IHC), Western Blotting (WB)

### 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-Biotin, anti-Goat Serum, Human IgM Fc5µ and Human Serum.
Purification:	Preadsorption: Solid phase absorption

### Target Details

Target:	IgM
Abstract:	<a href="#">IgM Products</a>

## Target Details

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Target Type:	Antibody
Background:	<p>Synonyms: Goat F(ab')<sub>2</sub> Anti-Human IgM Fc5<math>\mu</math> Antibody Biotin Conjugation, Goat Fab2 Anti-Human IgM Fc5<math>\mu</math> Biotin Conjugated Antibody</p> <p>Background: F(ab')<sub>2</sub> Anti-Human IgM Fc5<math>\mu</math> Biotin 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>Immunohistochemistry Dilution: 1:500 - 1:3,000</p> <p>Application Note: Suitable for immunomicroscopy and flow cytometry or FACS analysis as well as other antibody based fluorescent assays requiring lot-to-lot consistency. F(ab')<sub>2</sub> Anti-Human IgM Fc5<math>\mu</math> Biotin 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>ELISA Dilution: 1:10,000 - 1:50,000</p> <p>Western Blot Dilution: 1:1,000 - 1:5,000</p>
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Restrictions:	For Research Use only
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## Handling

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Format:	Lyophilized
Reconstitution:	<p>Reconstitution Volume: 500 <math>\mu</math>L</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

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Handling Advice:	Avoid cycles of freezing and thawing.  This vial contains a relatively low volume of reagent (25 µL). To minimize loss of volume dilute 1:10 by adding 225 µL of the buffer stated above directly to the vial. Recap, mix thoroughly and briefly centrifuge to collect the volume at the bottom of the vial. Use this intermediate dilution when calculating final dilutions as recommended below.
Storage:	RT, 4 °C, -20 °C
Storage Comment:	Store vial at -20 °C or below prior to opening. Store the vial at -20 °C or below after dilution.
Expiry Date:	12 months