

Datasheet for ABIN965107

Goat anti-Human IgM (Fc5mu Region) Antibody (HRP) - Preadsorbed



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Overview

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

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-Peroxidase, anti-Goat Serum, Human IgM and Human Serum.
Purification:	Preadsorption: Solid phase absorption

Target Details

Target:	IgM
Abstract:	IgM Products

Target Details

Target Type:	Antibody
Background:	<p>Synonyms: Goat F(ab')₂ Anti-Human IgM Fc5μ Antibody Peroxidase Conjugation, Goat Fab2 Anti-Human IgM Fc5μ HRP Conjugated Antibody</p> <p>Background: F(ab')₂ Anti-Human IgM Fc5μ Peroxidase 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>Immunohistochemistry Dilution: 1:1,000 - 1:5,000</p> <p>Application Note: F(ab')₂ Anti-Human IgM Fc5μ Peroxidase Antibody is designed for Western blot and ELISA.</p> <p>ELISA Dilution: 1:20,000</p> <p>Western Blot Dilution: 1:2,000 - 1:10,000</p>
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Restrictions:	For Research Use only
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Handling

Format:	Lyophilized
Reconstitution:	<p>Reconstitution Volume: 500 μL</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) Gentamicin Sulfate</p>
Preservative:	Gentamicin sulfate
Precaution of Use:	This product contains Gentamicin sulfate: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	<p>Avoid repeated freezing and thawing. Dilute only prior to immediate use</p> <p>Centrifuge product if not completely clear after standing at room temperature.</p> <p>Do NOT add Sodium Azide! Use of Sodium Azide will inhibit enzyme activity of horseradish</p>

Handling

peroxidase.

Storage: RT,4 °C,-20 °C

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.

Expiry Date: 12 months