

Datasheet for ABIN102642

Rabbit anti-Human IgM (Fc5mu Region) Antibody (Biotin) - Preadsorbed



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Overview

Quantity:	1.5 mg
Target:	IgM
Binding Specificity:	Fc5mu Region
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	Biotin
Application:	ELISA, Immunohistochemistry (IHC), Western Blotting (WB)

Product Details

Immunogen:	Immunogen: Human IgM Fc5mu fragment
Isotype:	IgG
Specificity:	IgM Fc5 μ
Characteristics:	Concentration Definition: by UV absorbance at 280 nm
Purification:	PreadSORPTION: Solid phase absorption

Target Details

Target:	IgM
Abstract:	IgM Products
Target Type:	Antibody

Target Details

Background:	<p>Synonyms: Rabbit Anti-Human IgM (Fc5u) Antibody Biotin Conjugated, Rabbit Anti Human IgM Fc5u Antibody Biotin Conjugated</p> <p>Background: Anti-Human IgM Fc5μ Biotin antibody generated in rabbit specifically detects 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. Due to this large size, IgM is typically isolated to the serum. Anti-Human IgM Fc5μ antibody is ideal for investigators in Immunology, Microbiology, and Cell Biology.</p>
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Application Details

Application Notes:	<p>Immunohistochemistry Dilution: 1:1,000 - 1:5,000</p> <p>Application Note: 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. This product has been assayed against 1.0 μg of Human IgG in a standard capture ELISA using Peroxidase Conjugated Streptavidin #S000-03 and ABTS (2,2'-azino-bis-[3-ethylbenthiazoline-6-sulfonic acid]) code # ABTS-100 as a substrate for 30 minutes at room temperature. A working dilution of 1:40,000 to 1:190,000 is suggested for this product.</p> <p>ELISA Dilution: 1:20,000 - 1:100,000</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: 1.0 mL</p> <p>Reconstitution Buffer: Restore with deionized water (or equivalent)</p>
Concentration:	1.5 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

Handling Advice: Aliquot to Avoid repeated freezing and thawing.

Storage: RT,4 °C,-20 °C

Expiry Date: 12 months