

Datasheet for ABIN102626

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



[Go to Product page](#)

### Overview

Quantity:	1 mg
Target:	IgM
Binding Specificity:	Heavy & Light Chain
Reactivity:	Human
Host:	Goat
Clonality:	Polyclonal
Conjugate:	Biotin
Application:	ELISA, Immunohistochemistry (IHC), Western Blotting (WB)

### Product Details

Immunogen:	Immunogen: Human IgM whole molecule
Isotype:	IgG
Specificity:	IgM $\mu$ chain
Characteristics:	<p>Human IgM alpha heavy chain antibody generated in goat detects specifically Human IgM alpha heavy chain. Anti-Human IgM antibody is ideal for investigators who routinely perform ELISA, Sandwich ELISA, titration assays, western-blot, immunoprecipitation and more generally immunoassays.</p> <p>Concentration Definition: by UV absorbance at 280 nm</p>
Purification:	PreadSORPTION: Solid phase absorption

## Target Details

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Target: IgM

Abstract: [IgM Products](#)

Target Type: Antibody

Background: Synonyms: Goat Anti-Human IgM Antibody biotin Conjugation  
Background: Anti-Human IgM (mu heavy chain) Biotin 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.

## Application Details

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Application Notes: Immunohistochemistry Dilution: 1:1,000 - 1:5,000  
Application Note: Anti-HUMAN IgM (mu chain) (GOAT) Antibody has been assayed against 1.0 µg of Human IgM in a standard capture ELISA using Peroxidase Conjugated Streptavidin #S000-03 and ABTS (2,2'-azino-bis-[3-ethylbenthiiazoline-6-sulfonic acid]) code # ABTS-100 as a substrate for 30 minutes at room temperature. A working dilution of 1:3,000 to 1:17,000 of the reconstitution concentration is suggested for this product.  
ELISA Dilution: 1:20,000 - 1:100,000  
Western Blot Dilution: 1:150,000 - 1:250,000

Restrictions: For Research Use only

## Handling

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Format: Lyophilized

Reconstitution: Reconstitution Volume: 1.0 mL  
Reconstitution Buffer: Restore with deionized water (or equivalent)

Concentration: 1.0 mg/mL

Buffer: Buffer: 0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2  
Stabilizer: 10 mg/mL Bovine Serum Albumin (BSA) - Immunoglobulin and Protease free  
Preservative: 0.01 % (w/v) Sodium Azide

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: Aliquot to Avoid repeated freezing and thawing.

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Storage: RT,4 °C,-20 °C

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Expiry Date: 12 months