

# Anti-Human IgM (Biotin Conjugated) Secondary Antibody

Goat Polyclonal, Biotin

Catalog # ASR1780

## Product Information

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<b>Description</b>	Anti-HUMAN IgM (GOAT) Antibody Biotin Conjugated
<b>Host</b>	Goat
<b>Conjugate</b>	Biotin
<b>Target Species</b>	Human
<b>Clonality</b>	Polyclonal
<b>Physical State</b>	Lyophilized
<b>Host Isotype</b>	IgG
<b>Target Isotype</b>	IgM $\mu$ chain
<b>Buffer</b>	0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2
<b>Immunogen</b>	Human IgM mu heavy chain
<b>Species of Origin</b>	Human
<b>Reconstitution Volume</b>	1.0 mL
<b>Reconstitution Buffer</b>	Restore with deionized water (or equivalent)
<b>Stabilizer</b>	10 mg/mL Bovine Serum Albumin (BSA) - Immunoglobulin and Protease free
<b>Preservative</b>	0.01% (w/v) Sodium Azide

## Additional Information

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**Shipping Condition** Ambient

**Application Note** Anti-HUMAN IgM ( $\mu$  chain) (GOAT) Antibody has been assayed against 1.0  $\mu$ g of Human IgM 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 1:3,000 to 1:17,000 of the reconstitution concentration is suggested for this product. This product has been assayed against 1.0  $\mu$ g of Human IgM 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 1:3,000 to 1:17,000 of the reconstitution concentration is suggested for this product. Anti-HUMAN IgM ( $\mu$  chain) (GOAT) Antibody has been assayed against 1.0  $\mu$ g of Human IgM 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 1:3,000 to 1:17,000 of the reconstitution concentration is suggested for this product.

**Purity** Anti-HUMAN IgM ( $\mu$  chain) (GOAT) Antibody was prepared from monospecific antiserum by immunoaffinity chromatography using Human IgM coupled to agarose beads followed by solid phase adsorption(s) to remove any unwanted reactivities. Assay by immunoelectrophoresis resulted in a single precipitin arc against anti-biotin, anti-Goat Serum, Human

IgM and Human Serum. No reaction was observed against other Human heavy or light chain proteins.

**Storage Condition**

Store vial at 4° C prior to restoration. For extended storage aliquot contents and freeze at -20° C or below. Avoid cycles of freezing and thawing. Centrifuge product if not completely clear after standing at room temperature. This product is stable for several weeks at 4° C as an undiluted liquid. Dilute only prior to immediate use.

**Precautions Note**

This product is for research use only and is not intended for therapeutic or diagnostic applications.

**Background**

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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.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.