

**Anti-Human IgM (mu chain) (Peroxidase Conjugated) Secondary Antibody**  
**Goat Polyclonal, Peroxidase (Horseradish)**  
**Catalog # ASR2046****Specification****Anti-Human IgM (mu chain) (Peroxidase Conjugated) Secondary Antibody - Product Information**

Description	<b>Anti-HUMAN IgM (mu chain) (GOAT) Antibody Peroxidase Conjugated</b>
Host	<b>Goat</b>
Conjugate	<b>Peroxidase (Horseradish)</b>
Target Species	<b>Human</b>
Clonality	<b>Polyclonal</b>
Application	<b>,1,10,15,</b>
Application Note	<b>ELISA 1:180,000;Western Blot 1:2,000-1:20,000;Immunochemistry 1:500-1:2,500</b>
Physical State	<b>Lyophilized</b>
Host Isotype	<b>IgG</b>
Target Isotype	<b>IgM <math>\mu</math> 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>
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) Gentamicin Sulfate. Do NOT add Sodium Azide!</b>

**Anti-Human IgM (mu chain) (Peroxidase Conjugated) Secondary Antibody - Additional Information****Shipping Condition**

Ambient

**Purity**

Human IgM (mu chain) Antibody, Peroxidase Conjugated, was prepared from monospecific antiserum by immunoaffinity chromatography using antigens 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-Peroxidase, anti-Goat Serum, Human IgM and Human Serum. Specificity was confirmed by ELISA minimal cross-reactivity against other human heavy or light chain isotypes.

**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.

**Anti-Human IgM (mu chain) (Peroxidase Conjugated) Secondary Antibody - Protein Information****Anti-Human IgM (mu chain) (Peroxidase Conjugated) Secondary Antibody - Protocols**

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

**Anti-Human IgM (mu chain) (Peroxidase Conjugated) Secondary Antibody - Images****Anti-Human IgM (mu chain) (Peroxidase Conjugated) Secondary Antibody - Background**

Human IgM (mu chain) Antibody, Peroxidase Conjugated detects IgM. Immunoglobulin M, or IgM, is an antibody produced by B cells. IgM is a pentamer composed of 5 immunoglobulin molecules linked through their F(c) domain by the J chain. The mu chain is the heavy chain of IgM and contains an F(c) domain. IgM is the first antibody to appear in response to initial exposure to antigen, followed by IgG. The spleen is the major site of specific IgM production, IgM in normal serum is often found to bind to specific antigens, even in the absence of prior immunization making it a first line of immune surveillance.