

**F(ab')<sub>2</sub> Anti-MOUSE IgM (mu chain) Secondary Antibody**  
**Goat Polyclonal, Unconjugated**  
**Catalog # ASR2246****Specification****F(ab')<sub>2</sub> Anti-MOUSE IgM (mu chain) Secondary Antibody - Product Information**

Description	<b>F(ab')<sub>2</sub> Anti-MOUSE IgM (mu chain) (GOAT) Antibody</b>
Host	<b>Goat</b>
Conjugate	<b>Unconjugated</b>
Target Species	<b>Mouse</b>
Clonality	<b>Polyclonal</b>
Application	<b>WB, E, IC</b>
Application Note	<b>ELISA 1:2,000-1:8,000;Western Blot 1:200-1:2,000;Immunochemistry 1:1,000-1:5,000</b>
Physical State	<b>Liquid (sterile filtered)</b>
Host Isotype	<b>IgG F(ab')<sub>2</sub></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>Anti-Mouse IgM was produced by repeated immunization with Mouse IgM heavy chain in goat.</b>
Stabilizer	<b>None</b>
Preservative	<b>0.01% (w/v) Sodium Azide</b>

**F(ab')<sub>2</sub> Anti-MOUSE IgM (mu chain) Secondary Antibody - Additional Information****Shipping Condition**

Wet Ice

**Purity**

F(ab')<sub>2</sub> anti-Mouse IgM antibody was prepared from monospecific antiserum by immunoaffinity chromatography using Mouse IgM coupled to agarose beads followed by solid phase adsorption(s) to remove any unwanted reactivities, pepsin digestion and chromatographic separation. Assay by immunoelectrophoresis resulted in a single precipitin arc against anti-Goat Serum, Mouse IgM and Mouse Serum. No reaction was observed against anti-Pepsin or anti-Goat IgG F(c). Specificity was confirmed by ELISA at less than 1% cross-reactivity against other mouse heavy or light chain isotypes.

**Storage Condition**

Store vial at 4° C prior to opening. This product is stable for several weeks at 4° C as an undiluted liquid. Dilute only prior to immediate use. For extended storage aliquot contents and freeze at -20° C or below. Avoid cycles of freezing and thawing.

**Precautions Note**

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

## **F(ab')<sub>2</sub> Anti-MOUSE IgM (mu chain) Secondary Antibody - Protein Information**

## **F(ab')<sub>2</sub> Anti-MOUSE IgM (mu chain) 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](#)

## **F(ab')<sub>2</sub> Anti-MOUSE IgM (mu chain) Secondary Antibody - Images**

## **F(ab')<sub>2</sub> Anti-MOUSE IgM (mu chain) Secondary Antibody - Background**

F(ab')<sub>2</sub> anti-Mouse IgM antibody was generated by enzymatic cleavage and subsequent separation from the Fc fragment. Because of their smaller size, F(ab)<sub>2</sub> fragments offer several advantages over intact antibodies for use in certain immunochemical techniques and experimental applications. F(ab)<sub>2</sub> fragments penetrate into tissue samples and show better antigen recognition and signal generation in IHC. F(ab)<sub>2</sub> fragments lack the Fc region and therefore do not bind Fc receptors which effectively lowers background staining. F(ab')<sub>2</sub> Mouse IgM antibody is ideal for investigators who routinely perform flow cytometry, immunohistochemistry or IHC and other immunoassays.