

**F(ab')<sub>2</sub> Anti-Mouse IgM (mu chain) Secondary Antibody**  
**Goat Polyclonal, Alkaline Phosphatase (Calf Intestine)**  
**Catalog # ASR3185****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 Alkaline Phosphatase Conjugated</b>
Host	<b>Goat</b>
Conjugate	<b>Alkaline Phosphatase (Calf Intestine)</b>
Target Species	<b>Mouse</b>
Clonality	<b>Polyclonal</b>
Application	<b>,1,10,15,</b>
Application Note	<b>ELISA 1:5,000;Western Blot 1:2,000-1:10,000;Immunochemistry 1:200-1:1,000</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>0.05 M Tris Chloride, 0.15M Sodium Chloride, 0.001M Magnesium Chloride, 0.0001M Zinc Chloride, 50% (v/v) Glycerol; pH 8.0</b>
Immunogen	<b>Mouse IgM mu heavy chain</b>
Stabilizer	<b>10 mg/mL Bovine Serum Albumin (BSA) - Immunoglobulin and Protease free</b>
Preservative	<b>0.1% (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 (mu chain) 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-Alkaline Phosphatase, 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 before opening. DO NOT FREEZE. This product is stable at 4° C as an undiluted liquid. Dilute only prior to immediate use. Freezing alkaline phosphatase conjugates will result in a substantial loss of enzymatic activity.

**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 (mu chain) Antibody generated in Goat detects specifically Mouse IgM mu heavy chain. This secondary antibody anti-Mouse is ideal for investigators who routinely perform ELISA, Sandwich ELISA, titration assays, western-blot, immunoprecipitation and more generally immunoassays. F(ab')<sub>2</sub> Anti-Mouse IgM (mu chain) Antibody is ideal for investigators in Cancer, Immunology, and Microbiology research.