

**Human IgM Fab  $\mu$  (BULK ORDER)**  
**Catalog # ASR3577****Specification****Human IgM Fab  $\mu$  (BULK ORDER) - Product Information**

Description	<b>HUMAN IgM F(ab) <math>\mu</math> fragment (BULK ORDER)</b>
Conjugate	<b>Unconjugated</b>
Physical State	<b>Liquid (sterile filtered)</b>
Host Isotype	<b>IgM</b>
Buffer	<b>0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2</b>
Species of Origin	<b>Human</b>
Stabilizer	<b>None</b>
Preservative	<b>0.01% (w/v) Sodium Azide</b>

**Human IgM Fab  $\mu$  (BULK ORDER) - Additional Information****Shipping Condition**

Wet Ice

**Purity**

HUMAN IgM (myeloma) F(ab)  $\mu$  fragment was prepared from serum by a multi-step process which includes delipidation, selective precipitation, tandem molecular sieve chromatography and trypsin digestion followed by extensive dialysis against the buffer stated above. Assay by immunoelectrophoresis resulted in a single precipitin arc against anti-Human Serum. No reaction was observed against anti-Human IgG F(c). Some light chain cross reactivity will occur with anti-Human IgG.

**Storage Condition**

Store vial at 4° C prior to opening. This product is stable 4° C as an undiluted liquid. Dilute only prior to immediate use. For extended storage mix with an equal volume of glycerol, 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.

**Human IgM Fab  $\mu$  (BULK ORDER) - Protein Information****Human IgM Fab  $\mu$  (BULK ORDER) - 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](#)

#### **Human IgM Fab $\mu$ (BULK ORDER) - Images**

#### **Human IgM Fab $\mu$ (BULK ORDER) - Background**

IgM is by far the physically largest antibody in the human circulatory system. It is the first antibody to appear in response to initial exposure to antigen. The spleen is the major site of specific IgM production. Distinct heavy chains differ in size and composition;  $\alpha$  and  $\gamma$  contain approximately 450 amino acids, while  $\mu$  and  $\epsilon$  have approximately 550 amino acids. Human IgM F(ab)  $\mu$  is ideal for investigators involved in serum protein component research.