

## Human IgM (myeloma) Fc5µ

Catalog # ASR2899

# **Specification**

## Human IgM (myeloma) Fc5µ - Product Information

Description Conjugate Physical State Host Isotype Buffer

Species of Origin Preservative HUMAN IgM (myeloma) Fc5 μ fragment Unconjugated Liquid (sterile filtered) IgM 0.1 M Tris Chloride, 0.5 M Sodium

Chloride, pH 8.0 Human

0.05% (w/v) Sodium Azide

# Human IgM (myeloma) Fc5μ - Additional Information

# **Shipping Condition**

Wet Ice

#### **Purity**

Human IgM (myeloma) Fc5  $\mu$  fragment has been prepared from Human IgM myeloma protein by digestion with trypsin followed by column chromatography. Purity was assessed by SDS-PAGE and HPLC to be greater than 95%. A single precipitin arc was observed against anti-human IgM Fc5  $\mu$  and anti-human serum when assayed by immuno-electrophoresis at a concentration of 20 mg/ml. No reaction was observed against anti-Trypsin, anti-human IgG F(ab')2, anti-human IgG F(c), anti-human Kappa or anti-human Lambda.

### **Storage Condition**

Store vial at 4° C prior to opening. Human IgM (myeloma) Fc5  $\mu$  fragment 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**

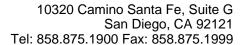
This product is for research use only and is not intended for therapeutic or diagnostic applications.

#### Human IgM (myeloma) Fc5μ - Protein Information

#### Human IgM (myeloma) Fc5μ - Protocols

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

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry





• <u>Immunofluorescence</u>

- <u>Immunoprecipitation</u>
- Flow Cytomety
- Cell Culture

Human IgM (myeloma) Fc5μ - Images

# Human IgM (myeloma) Fc5μ - Background

Immunoglobulin M is the largest antibody isotype and the first to be secrected against an initial exposure to antigen. IgM is predominantly produced in the spleen. IgM is formed from covalently linking 5 immunoglobulins together. Due to this large size, IgM is typically isolated to the serum. Human IgM (myeloma) Fc5  $\mu$  fragment consists of only the  $\mu$  (mu) chain of the Fc fragment.