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## Product Information

**Monoclonal Anti-Human IgM ( $\mu$ -chain specific)  
Clone MB-11  
Mouse Ascites Fluid**

Product No. I 6385

### Product Description

Monoclonal Anti-Human IgM (mouse IgG2b isotype) is derived from the hybridoma produced by the fusion of mouse myeloma cells and splenocytes from an immunized mouse. Purified human IgM was used as the immunogen. The isotype is determined using Sigma ImmunoType™ Kit (Product Code ISO-1) and by a double diffusion immunoassay using Mouse Monoclonal Antibody Isotyping Reagents (Product Code ISO-2).

Monoclonal Anti-Human IgM is specific for the  $\mu$ -chain of human IgM as determined by an ELISA. No reactivity human IgG or purified light chains (kappa or lambda) is observed.

### Reagents

The product is provided as ascites fluid with 0.1% sodium azide as a preservative.

### Precautions and Disclaimer

Due to the sodium azide content a material safety data sheet (MSDS) for this product has been sent to the attention of the safety officer of your institution. Consult the MSDS for information regarding hazards and safe handling practices.

### Product Profile

A minimum dilution of 1:5,000 was determined by an indirect ELISA using 2.5  $\mu$ g/ml of freshly prepared human IgM for coating.

In order to obtain best results, it is recommended that each individual user determine their optimum working dilution by titration assay.

### Storage and Stability

For continuous use, store at 2-8 °C for up to one month. For extended storage, the solution may be frozen in working aliquots. Repeated freezing and thawing is not recommended. Storage in "frost-free" freezers is not recommended. If slight turbidity occurs upon prolonged storage, clarify the solution by centrifugation before use.

PCS/6/00

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