



**MONOCLONAL ANTI-HUMAN IgE  
CLONE GE-1  
Mouse Ascites Fluid**

Product No. I 6510

**Product Description**

Monoclonal Anti-Human IgE (mouse IgG2b isotype) is derived from the hybridoma produced by the fusion of mouse myeloma cells and splenocytes from an immunized mouse. Purified Human IgE was used as the immunogen. The isotype is determined using Sigma ImmunoType™ Kit (Sigma Stock No. ISO-1) and by a double diffusion immunoassay using Mouse Monoclonal Antibody Isotyping Reagents (Sigma Stock No. ISO-2).

Monoclonal Anti-Human IgE is immunospecific for human IgE as determined by ELISA. No cross-reactivity with human IgG, IgM or purified light chains is observed.

**Reagents**

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

## Product Information

**Precautions**

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**

The minimum titer of 1:5,000 was determined by an indirect ELISA using human IgE at a concentration of 5 µg/ml as the coat. This reaction can be inhibited by serum containing allergic IgE.

In order to obtain best results in different techniques and preparations, it is recommended that each individual user determine their working dilution by titration assay.

**Storage**

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.

Pcs1/00