

## Product Information

### **Monoclonal Anti-Human IgG ( $\gamma$ -chain specific) clone GG-5**

produced in mouse, ascites fluid

Catalog Number **I5885**

#### **Product Description**

Monoclonal Anti-Human IgG (mouse IgG1 isotype) is derived from the hybridoma produced by the fusion of mouse myeloma cells and splenocytes from an immunized mouse. Purified human IgG was used as the immunogen. The isotype is determined by a double diffusion assay using immunoglobulin and subclass specific antisera.

Monoclonal anti-Human IgG is immunospecific for human IgG as determined by an ELISA. No reactivity with human light chains of human IgM is observed.

#### **Reagents**

The product is provided as ascites fluid with 15 mM sodium azide as a preservative.

#### **Precautions and Disclaimer**

This product is for R&D use only, not for drug, household, or other uses. Please consult the Material Safety Data Sheet for information regarding hazards and safe handling practices.

#### **Storage/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, or storage in "frost-free" freezers, is not recommended. If slight turbidity occurs upon prolonged storage, clarify the solution by centrifugation before use.

#### **Product Profile**

Indirect ELISA: a working dilution of at least 1:20,000 is determined using human IgG at 5  $\mu$ g/ml as the coat.

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

This antibody may be used for antigen-antibody complex formation in liquid phase using polyethylene glycol (PEG) of molecular weight 8 kDa and normal human serum.

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