

## Anti-Rat Immunoglobulin Monoclonal Antibody

### **ORDERING INFORMATION**

**Catalog No.:** 14701

**Size:** 1 ml ascites or 1 mg Protein G-purified antibody in PBS, pH 7.4

### **SPECIFICATION SUMMARY**

**Antigen:** Purified rat immunoglobulin.

**Host Species:** Mouse

**Antibody Class:** IgG1.

**Stabilizers:** None

**Preservatives:** None. Available on request.

### **ACTIVITY**

#### **ELISA Titer\***

14701 1:204,800

\*ELISA is an indirect assay of ascites against rat immunoglobulin on the solid phase. Titers represent endpoint dilutions that achieve absorbance values  $\geq 0.1$ .

### **SPECIFICITY**

This antibody recognizes rat IgG1, IgG2a, IgG2b, IgG2c, IgE, IgA, and IgM. It does not cross-react with immunoglobulin of the following species: bovine, canine, chicken, donkey, equine, feline, rabbit, sheep, porcine, guinea pig, goat, or human.

### **APPLICATIONS**

These antibodies may be used in immunoassays to detect and quantitate rat immunoglobulin. Other applications are under investigation.

### **DILUTION INSTRUCTIONS**

Dilute in PBS or medium which is identical to that used in the assay system.

### **STORAGE AND STABILITY**

These antibodies are stable for at least one (1) year at  $-20^{\circ}\text{C}$  to  $-70^{\circ}\text{C}$ . Store product in appropriate aliquots to avoid multiple freeze-thaw cycles.

*For in vitro investigational use only.*

*Not for use in therapeutic or diagnostic procedures.*