

## Human Rheumatoid Factor Monoclonal Antibodies

### ORDERING INFORMATION

**Catalog No.:** 12005

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

### SPECIFICATION SUMMARY

**Antigen:** Purified proteins from patients with IgM cryoglobulins.

**Host Species:** Mouse

**Antibody Class:** IgG2b.

**Stabilizers:** None

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

### ACTIVITY

	Ig mg/ml*	ELISA Titer**
12005	7.4	1 : 1,600

\* Determined by radial immunodiffusion for several lots of ascites.

\*\*ELISA is an indirect assay against human rheumatoid factor on the solid phase. Titers represent endpoint dilutions that achieve absorbance values  $\geq 0.1$ .

### SPECIFICITY

This antibody reacts with 30% of IgM-RF paraproteins from unrelated individuals. It does not recognize IgM, IgA, or IgG proteins lacking RF nor with pooled F(ab')<sub>2</sub> fragments.

### APPLICATIONS

These antibodies may be used in immunoassays to detect and quantitate human rheumatoid factor. 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°C to -70°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.*