

## Thyroglobulin (T3/T4) Monoclonal Antibodies

### ORDERING INFORMATION

**Catalog No.:** 12101-12104.

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

### SPECIFICATION SUMMARY

**Antigen:** Purified human thyroglobulin.

**Host Species:** Mouse

**Antibody Class:** 12101, 12102, and 12104 = IgG1; 12103 = IgM.

**Stabilizers:** None

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

### ACTIVITY

	Ig mg/ml*	ELISA Titer**
12101	11.4	1 : 51,200
12102	18.6	1: 102,400
12103	7.4	1: 25,600
12104	13.1	1: 51,200

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

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

### SPECIFICITY

12102 is T4-specific and 12104 is T3-specific. 12101 and 12103 recognize both T3 and T4.

### APPLICATIONS

These antibodies may be used in immunoassays to detect and quantitate thyroglobulin. 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.*