

## Factor VIII Monoclonal Antibodies

### ORDERING INFORMATION

**Catalog No.:** 10101-10104

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

### SPECIFICATION SUMMARY

**Antigen:** Purified human Factor VIII.

**Host Species:** Mouse

**Antibody Class:** 10101-10103 = IgG1;  
10104 = IgG2a.

**Stabilizers:** None

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

### ACTIVITY

	Ig mg/ml*	ELISA Titer**
10101	24.4	1 : 32,000
10102	18.2	1: 32,000
10103	9.4	1: 16,000
10104	11.2	1: 16,000

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

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

### SPECIFICITY

10101, 10102, and 10103 recognize full-length human Factor VIII. 10104 recognizes an epitope in the N-terminal

region of the 83kD light chain of Factor VIII. These antibodies do not cross-react with von Willebrand factor.

### APPLICATIONS

These antibodies may be used in ELISA and Western blot to detect and quantitate human Factor VIII. #10104 can inhibit Factor VIII activity in coagulation assays.

### 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.

### REFERENCES FOR #10104

Fay et al. (1986) Biochim Biophys Acta 87: 268-278; Fay (1988) Arch Biochem Biophys 262: 525-531; Fay et al. (2001) J Biol Chem 276: 12434-12439.

*For in vitro investigational use only. Not for use in therapeutic or diagnostic procedures.*