

## Factor XII Heavy Chain Monoclonal Antibody

### **ORDERING INFORMATION**

**Catalog No.:** 19801 (B7C9)

**Size:** 250 ug Protein G-purified antibody in PBS, pH 7.4.

### **SPECIFICATION SUMMARY**

**Antigen:** Purified human Factor XII.

**Host Species:** Mouse

**Antibody Class:** IgG1

**Stabilizers:** None

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

### **ACTIVITY AND SPECIFICITY**

This antibody reacts with the heavy chain of human Factor XII (mw~50,000) with  $K_D$  of 9.8nM and partially blocks Factor XII activity. The specific epitope for this antibody is located within a 20 amino acid sequence of 2.5 kD in the surface binding area of Factor XII.

### **APPLICATIONS**

This antibody may be used in ELISA, Western blot, coagulation assays and for immunopurification of Factor XII.

### **DILUTION INSTRUCTIONS**

Dilute in PBS or medium that 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.

### **REFERENCE**

Pixley et al. (1987) J Biol Chem 262: 10140.

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