

## Haloperidol Monoclonal Antibody

### **ORDERING INFORMATION**

**Catalog No.:** 17001

**Size:** 500 ug Protein G-purified antibody in PBS, pH 7.4.

### **SPECIFICATION SUMMARY**

**Antigen:** Haloperidol conjugated through the tertiary alcohol at the 4' position of the piperidine ring with a succinic acid linkage to keyhole limpet hemocyanin (KLH).

**Host Species:** Mouse

**Antibody Class:** IgG1

**Stabilizers:** None

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

### **ACTIVITY AND SPECIFICITY**

This antibody has a Kd of 3 nM for haloperidol and an IC50 value of 260 nM for the reduced haloperidol metabolite (+/-)-4-(4-chlorophenyl)- $\alpha$ -(4-fluorophenyl)-4-hydroxy-1-piperidinebutanol).

### **APPLICATIONS**

This antibody may be used in immunoassays for detection of haloperidol. 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*