

# QED Bioscience Inc.

ADVANCED RESEARCH TECHNOLOGIES

## Morphine Monoclonal Antibody

### ORDERING INFORMATION

**Catalog No.:** 17201

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

### SPECIFICATION SUMMARY

**Antigen:** Morphine conjugated at the C6 position to bovine serum albumin.

**Host Species:** Mouse

**Antibody Class:** IgG1

**Stabilizers:** None

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

### ACTIVITY AND SPECIFICITY

This antibody has a Kd of 2 nM for morphine and related alkaloids (e.g., codeine, nalorphine, and naltrexone).

### APPLICATIONS

This antibody may be used in immunoassays for detection of alkaloid/narcotic drugs. 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.*