

# QED Bioscience Inc.

ADVANCED RESEARCH TECHNOLOGIES

## Corticotropin-Releasing Factor Monoclonal Antibody

### ORDERING INFORMATION

**Catalog No.:** 56101 (4H9) and 56102 (5D5).

**Size:** 100 ug purified antibody in PBS, pH 7.4.

### SPECIFICATION SUMMARY

**Antigen:** Purified human/rat corticotropin-releasing factor (CRF, Sigma).

**Host Species:** Mouse

**Antibody Class:** IgG1

**Purification method:** Three sequential precipitations with 40% ammonium sulfate. Purified antibodies yield 1 band in native SDS-PAGE.

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

### SPECIFICITY

These antibodies react specifically with CRF. There is no cross-reactivity with bovine serum albumin, insulin, ovalbumin, or epidermal growth factor. These two antibodies recognize different epitopes on CRF. Dissociation constants =  $10^{-9}$  M for 56101 and  $1.5 \times 10^{-8}$  M for 56102.

### APPLICATIONS

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

### REFERENCE

Kravchenko and Furalev. 1994. *Hybridoma* **13**: 59-64; Furalev et al. 1994. *Biochem Biophys Res Com* **204**: 823-834.

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