

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 1.5×10^{-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°C to -70°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