

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.