

MONOCLONAL ANTIBODY

For research use only, Not for diagnostic use.

Catalog No. KYU-HT-M001

Anti Morphine

BACKGROUND

Morphine is a alkaloid isolated from Papaver somniferum, which is psychoactive.

Product type	Primary antibody
Immunogen	Morphine-BSA
Raised in	Mouse (Balb/c)
Myeloma	SP2/0
Clone number	IB1
Isotype	IgG1 λ
Source	Serum free culture supernatant
Purification	Protein G
Buffer	PBS containing 0.02% NaN ₃ as a preservative
Concentration	1mg / mL
Volume	100 UL
Label	Unlabeled
Specificity	morphine
Cross reactivity	Specific to morphine
Storage	Store below -20 degrees (below -70 degrees for prolonged storage) Aliquot to avoid cycles of freeze / thaw.

Application notes • **ELISA** (Ref.1)

Recommended dilutions
Other applications have not been tested.
Optimal dilutions/concentrations should be determined by the end user.

References
1) Shoyama et al., DIRECT DETERMINATION OF OPIUM ALKALOID-BOVINE SERUM-ALBUMIN CONJUGATE BY MATRIX-ASSISTED LASER-DESORPTION IONIZATION MASS-SPECTROMETRY. Biol Pharm Bull. 1993 Oct;16(10):1051-3. PMID: [8287039](https://pubmed.ncbi.nlm.nih.gov/8287039/)

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