



Monoclonal Antibody to ACTH

Abbreviation : MCA CT-02

Code No. : 7595

Price : 200 μ l (200 μ g) ¥50,000

Clone : HAT C22

Quality : BALB/c IgG1 κ
Purified by Protein A chromatography.

Solution : 1 mg/ml IgG, 0.1 % NaN₃, PBS, pH 7.4 (200 μ l)

Character : This antibody is specific to C-terminal of ACTH (18-39).
Affinity constant $3.8 \times 10^9 \text{ M}^{-1}$

	Reactivity
to ACTH (1-39)	100 %
(1-13)	< 0.1 %
(18-39)	380 %

Example : Apply 200 μ l of sample to CT-01 coated bead.
Incubate overnight at 4°C.
Wash 3 times.
Add 100,000 cpm/200 μ l of ¹²⁵I-labeled CT-02.
Incubate for 4 hours at room temperature.
Wash 3 times.
Count by γ -counter.

Storage & The solution should be stored below -20°C.

Handling : Repeated freezing and thawing should be avoided.

Note : Research use only.

