



# Monoclonal Antibody to ACTH

Abbreviation : MCA CT-01

Code No. : 7594

Price : 200  $\mu$ l (200  $\mu$ g) ..... ¥50,000

Clone : HAT N36

Quality : BALB/c IgG1 $\kappa$   
Purified by Protein A chromatography.

Solution : 1 mg/ml IgG, 0.1 % NaN<sub>3</sub>, PBS, pH 7.4 (200  $\mu$ l)

Character : This antibody is specific to N-terminal of ACTH (1-13).  
Affinity constant  $7.4 \times 10^8 \text{ M}^{-1}$

	Reactivity
to ACTH (1-39)	100 %
(1-13)	250 %
(18-39)	< 0.1 %

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

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

Repeated freezing and thawing should be avoided.

Note : Research use only.

