



# Biotinylated Monoclonal Antibody to Mouse IgE

Abbreviation : MCA ME-02-B

Code No. : 7617

Price : 100  $\mu$ l (100  $\mu$ g) ..... ¥50,000

Clone : HMK-12

Quality : SD rat IgG2a $\kappa$ -Biotin

Solution : 1 mg/ml Conjugate, 0.1 % NaN<sub>3</sub>, PBS, pH 7.4 (100  $\mu$ l)

Character :		Reactivity		Reactivity		
	to	Mouse IgA	< 0.1 %	to	Human IgE	< 0.1 %
		Mouse IgG	< 0.1 %		Rat IgE	< 0.1 %
		Mouse IgM	< 0.1 %			

**Example :** Coat microtiter plate with 10  $\mu$ g/ml ME-01-DE.  
 Wash 3 times.  
 Block with 1 % BSA PBS.  
 Shake out the blocking solution.  
 Add 50  $\mu$ l of mouse IgE diluted with 1 % BSA PBS.  
 Incubate for 1 hour at room temperature.  
 Wash 3 times.  
 Add 50  $\mu$ l of 1  $\mu$ g/ml ME-02-B.  
 Incubate for 1.5 hours at room temperature.  
 Wash 3 times.  
 Add 50  $\mu$ l of Avidin-HRP.  
 Incubate for 15 minutes.  
 Wash 4 times.  
 Add 100  $\mu$ l of TMBZ solution.  
 Incubate for a few minutes.  
 Add 50  $\mu$ l of 1N H<sub>2</sub>SO<sub>4</sub>.  
 Read at 450 nm.

**Storage & Handling :** The solution should be stored below -20°C.  
 Repeated freezing and thawing should be avoided.

**Note :** Research use only.

**Reference :** Takao, H. et al. Int. Archs Allergy Appl. Immun. **85**, 45-54 (1988)

