



Biotinylated Monoclonal Antibody to Mouse IgE

Abbreviation : MCA ME-02-B

Code No. : 7617

Price : 100 μ l (100 μ g) ¥50,000

Clone : HMK-12

Quality : SD rat IgG2a κ -Biotin

Solution : 1 mg/ml Conjugate, 0.1 % NaN₃, PBS, pH 7.4 (100 μ 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 μ g/ml ME-01-DE.
 Wash 3 times.
 Block with 1 % BSA PBS.
 Shake out the blocking solution.
 Add 50 μ l of mouse IgE diluted with 1 % BSA PBS.
 Incubate for 1 hour at room temperature.
 Wash 3 times.
 Add 50 μ l of 1 μ g/ml ME-02-B.
 Incubate for 1.5 hours at room temperature.
 Wash 3 times.
 Add 50 μ l of Avidin-HRP.
 Incubate for 15 minutes.
 Wash 4 times.
 Add 100 μ l of TMBZ solution.
 Incubate for a few minutes.
 Add 50 μ l of 1N H₂SO₄.
 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)

