



# Monoclonal Antibody to Human IgG4

Abbreviation : MCA DG-01-DE

Code No. : 7644

Price : 100  $\mu$ l (100  $\mu$ g) ..... ¥40,000

Clone : 5C3

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

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

Character :	Reactivity		Reactivity	
	to	Human IgA	Human IgG2	< 0.5 %
		Human IgE	Human IgG3	< 0.5 %
		Human IgG1	Human IgM	< 0.5 %

Example : Coat microtiter plate with 5  $\mu$ g/ml myeloma protein.  
Wash 3 times.  
Block with 1 % BSA PBS.  
Shake out the blocking solution.  
Add 50  $\mu$ l of DG-01-DE diluted with 1 % BSA PBS.  
Incubate for 1 hour at room temperature.  
Wash 3 times.  
Add 50  $\mu$ l of HRP labeled second antibody.  
Incubate for 1 hour at room temperature.  
Wash 4 times.  
Add 100  $\mu$ l of TMBZ solution.  
Incubate for 10 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.

