



Monoclonal Antibody to Human IgG4

Abbreviation : MCA DG-01-DE

Code No. : 7644

Price : 100 μ l (100 μ g) ¥40,000

Clone : 5C3

Quality : BALB/c IgG1 κ
Purified by DEAE chromatography.

Solution : 1 mg/ml IgG, 0.1 % NaN₃, PBS, pH 7.4 (100 μ l)

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

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

