

Human IgG4, kappa Isotype Control



Sino Biological
Biological Solution Specialist

Catalog Number: HG4K

General Information	
Type:	Humanized Monoclonal Antibody
Isotype:	Human IgG4, κ
Clone ID:	R1
Applications:	Negative control for Human IgG4 kappa antibody <i>Please Note: Optimal concentrations/dilutions should be determined by the end user.</i>
Preparation:	Human cell production
Formulation:	0.2 μ m filtered solution in Histidine and Arginine buffer containing 120mM NaCl, 0.02% Tween 80, pH6.0
Storage:	This antibody can be stored at 2°C-8°C for one month without detectable loss of activity. Antibody products are stable for twelve months from date of receipt when stored at -20°C to -80°C. Preservative-Free.

Character	Method	Result
Specificity	ELISA	Bind to HA protein of H7N9(A/Anhui/2013) virus
Antibody concentration	UV	> 1 mg/mL
Aggregation	SEC-HPLC	< 5% aggregation
Purity	SDS-PAGE	> 95%
Endotoxin	LAL gel clotting	< 3 EU/mg

Negative control for in vitro cell based assay – This IgG4/kappa isotype antibody can be used in any recombinant protein based or animal based cell assay as a antibody negative control. For example, this antibody can be used in an Mixed Lymphocyte Reaction assay.

Mixed Lymphocyte Reaction Assay

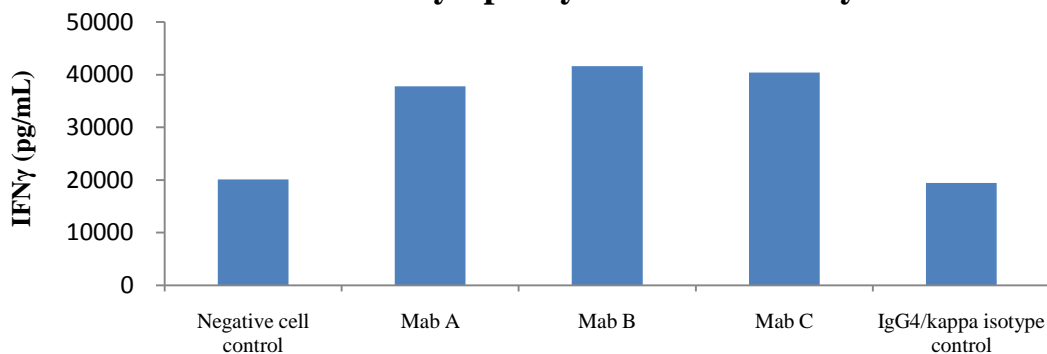


Figure: IgG4/kappa isotype antibody can be used in an Mixed Lymphocyte Reaction assay

Negative control for in vivo animal model study – This IgG4/kappa isotype antibody can be used in any animal model as a antibody negative control.

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