

IL4

Mouse Anti Monkey Interleukin-4 (Clone QS-4) mAb

Catalog No.	CMM506	Quantity:	0.5 mg
Alternate Names:	IL-4, B-cell stimulatory factor 1, BSF-1, Lymphocyte stimulatory factor 1		
Description:	The neutralizing monoclonal antibody to monkey IL-4 (clone QS-4) cross reacts with both native rhesus macaque and cynomolgus monkey IL-4.		
UniProt ID:	P51492, P79339		
Gene ID:	574281, 107130068		
Source:	Produced <i>in vitro</i> using serum free medium.		
Specificity:	Binds with high efficiency to native rhesus macaque, cynomolgus monkey, pigtailed macaque, barbary macaque, baboon and African green monkey IL-4.		
Isotype:	Mouse IgG ₁		
Clone:	QS-4		
Quantitation:	E ^{0.1%} _{280 nm} = 1.4 for a 1 mg/ml solution.		
Purification:	Ion-exchange chromatography		
Formulation:	Lyophilized from sterile-filtered PBS containing 125 mM Trehalose		
Biological Activity:	Efficiently inhibits IL-4 induced IgE production and IL-4 induced T-cell proliferation.		
Reconstitution:	Centrifuge vial briefly before opening. Reconstitute with 0.5 ml sterile distilled water, containing 0.02% sodium azide to prevent bacterial growth (recommended). Precaution: Sodium azide is a poisonous and hazardous substance which should be handled by trained staff only.		
Applications:	Functional studies, <i>in vitro</i> neutralization Coating antibody in ELISA and ELISPOT assays Immunohistochemistry		
Storage & Stability:	Lyophilized product is stable for at least one year at 2-8°C. After reconstitution, the contents can be safely stored at 2-8°C for one month or for one year in working aliquots at -20°C to -80°C. Avoid repeated freeze-thaw cycles.		

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