

IFNG

Mouse Anti-Monkey IFN-gamma (Clone MD-1) mAb

Catalog No.	CMM504	Quantity:	0.5 mg
Alternate Names:	Interferon gamma, Immune interferon		
Description:	The neutralizing monoclonal antibody to monkey IFN- γ (clone MD-1) cross reacts with rhesus macaque, pig-tailed macaque, cynomolgus monkey, baboon and African green monkey.		
UniProt ID:	P63310, P63309		
Gene ID:	574282, 102128291		
Specificity:	Binds with similar affinity to native human, rhesus macaque, cynomolgus monkey, pigtailed macaque, Japanese macaque, crested black macaque, barbary macaque, liontailed macaque, baboon, mandrill, African green monkey and black mangabey IFN-gamma.		
Source:	Produced <i>in vitro</i> using serum free medium.		
Isotype:	Mouse IgG ₁		
Clone:	MD-1		
Quantitation:	$E^{0.1\%}_{280\text{ nm}} = 1.4$ for a 1 mg/ml solution.		
Biological Activity:	15,000 neutralizing units/mg protein. One neutralizing unit is defined as the total amount of antibodies sufficient for neutralizing one laboratory unit of recombinant rhesus macaque IFN-gamma (one unit corresponds with approximately 50 pg recombinant rhesus macaque IFN-gamma).		
Formulation:	Lyophilized from sterile-filtered PBS containing 125 mM Trehalose		
Purification:	Ion exchange chromatography.		
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:	ELISA, ELISPOT systems Immunohistochemistry <i>In vivo</i> and <i>in vitro</i> neutralization Intracellular staining Luminex technology Western blot analysis		
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.		

NOT FOR HUMAN USE. FOR RESEARCH ONLY. NOT FOR DIAGNOSTIC OR THERAPEUTIC USE.



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