

IFNG

Mouse Anti-Human IFN-gamma (Clone MD-1) FITC-labeled mAb

Catalog No.	CMI017	Quantity:	50 µg
Alternate Names:	Interferon-gamma, Immune interferon		
Description:	Mouse Anti-Human IFN-gamma Clone MD-1 FITC labeled monoclonal antibody produced <i>in vitro</i> using serum free medium.		
UniProt ID:	P01579		
Gene ID:	3458		
Conjugate:	FITC, labeled with 5(6)-Carboxyfluorescein-N-hydroxysuccinimide ester (FLUOS).		
Specificity:	Binds both native and recombinant human IFN-gamma <i>in vitro</i> . The antibody exerts no reactivity towards mouse and rat IFN-γ and human IFN-α, IFN-β.		
Source:	Produced <i>in vitro</i> using serum free medium.		
Host:	Mouse		
Isotype:	IgG1		
Clone:	MD-1		
Purification:	Ion exchange chromatography.		
Formulation:	Lyophilized from sterile-filtered PBS containing 125 mM Trehalose		
Quantitation:	$E^{0.1\%}_{280\text{ nm}} = 1.4$ for a 1 mg/ml solution.		
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:	Flow cytometry, Intracellular staining		
Application Notes:	Working Concentration: 1 to 2 µl per 10 ⁶ PBMC (minimal 250 tests) The optimal concentration should be determined by the user for each specific application.		
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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