

Ifng

Mouse Anti-Rat IFN-gamma (Clone DB-1) Biotin-labeled mAb

Catalog No.	CMI235	Quantity:	0.5 mg
Alternate Names:	Interferon gamma		
Description:	Mouse Anti-Rat IFN- γ Clone DB-1 neutralizes both native and recombinant rat IFN- γ and mouse IFN- γ <i>in vitro</i> and <i>in vivo</i> . Does not recognize rat IFN- α or rat IFN- β . Pairs with CMI252 for ELISA.		
UniProt ID:	P01581		
Gene ID:	25712		
Source:	Produced <i>in vitro</i> using serum free medium.		
Specificity:	Neutralizes both native and recombinant rat IFN-gamma and mouse IFN-gamma <i>in vitro</i> and <i>in vivo</i> .		
Isotype:	Mouse IgG1		
Clone:	DB-1		
Conjugate:	Biotin-7-NHS (N-hydroxysuccinimide)		
Formulation:	Lyophilized from sterile-filtered PBS, 1% BSA, 125 mM Trehalose		
Purification:	Ion exchange chromatography		
Biological Activity:	6000 neutralizing units of rat IFN- γ /mg protein Neutralizing unit = amount of antibody sufficient to neutralize 1 laboratory unit of recombinant rat IFN- γ (6×10^6 units/mg pure rat IFN- γ).		
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.		
Cross-Reactivity:	Does not bind to rodent IFN- α and - β or to human Interferons.		
Applications:	ELISA, ELISPOT: use as detecting mAb, with CMI252 (clone DB-12) as the capture mAb Intracellular staining 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.		

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



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