

IFNG

Rabbit Anti-Rat IFN-gamma pAb

Catalog No.	CPI135	Quantity:	0.5 mg
Alternate Names:	IFG, IFI, interferon gamma, IFN-gamma, immune interferon		
Gene ID:	25712		
Antigen:	For immunization recombinant rat IFN-gamma (CHO-derived) is used.		
Specificity:	Neutralizes both natural and recombinant rat IFN-gamma. Cross-reactivity with human IFN-gamma is less than 0.01% of the homologous combination.		
Host:	Rabbit		
Buffer:	Prior to lyophilization: 0.5 ml PBS + 125 mM trehalose.		
Isotype:	Ig		
Activity:	≥2.5 x 10 ⁴ neutralizing units/mg protein.		
Neutralizing Unit:	One neutralizing unit is defined as the total amount of antibodies sufficient for neutralizing one laboratory unit of recombinant rat IFN-gamma (one unit corresponds with 150 pg of pure rat IFN-gamma).		
Sterility:	Membrane filtered (0.2 µm).		
Purification:	Antibodies were sequentially purified by ammonium sulphate precipitation and protein A-affinity chromatography.		
Reconstitution:	Dissolve the contents of the vial by injection of 0.5 ml sterile distilled water.		
Quantitation:	Antibody concentration was determined by absorbance, taking A ₂₈₀ =1.4 for a 1 mg/ml solution.		
Applications:	ELISA <i>In vitro</i> neutralization Western blot analysis		
Storage & Stability:	Lyophilized and vacuum-packed. Lyophilized product is stable for at least one year at 4° C (expiration date is indicated on the vial). After reconstitution, the contents can be safely stored at 4°C for one month or for one year at -20°C. Add 0.02% sodium azide to prevent bacterial growth. Precaution: Sodium azide is a poisonous and hazardous substance which should be handled by trained staff only.		

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