

Data sheet Polyclonal antibody to rat interferon gamma (IFN- γ)

Cat. No.:	CT031
Isotype:	Rabbit Ig
Antigen:	For immunization recombinant rat IFN- γ (CHO-derived) is used.
Purification:	Antibodies were sequentially purified by ammonium sulphate precipitation and protein A-affinity chromatography.
Packaging:	Lyophilized and vacuum-packed.
Contents:	0.5 mg/vial
Buffer:	Prior to lyophilization: 0.5 ml PBS + 125 mM trehalose.
Specificity:	Neutralizes both natural and recombinant rat IFN- γ . Cross-reactivity with human IFN- γ is less than 0.01% of the homologous combination.
Activity:	$\geq 2.5 \times 10^4$ 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- γ (one unit corresponds with 150 μ g of pure rat IFN- γ).
Sterility:	Membrane filtered (0.2 μ m).
Reconstitution:	Dissolve the contents of the vial by injection of 0.5 ml sterile distilled water.
Stability:	Lyophilized product is stable for at least one year at 4 $^{\circ}$ C (expiry date is indicated on the vial). After reconstitution, the contents can be safely stored at 4 $^{\circ}$ C for one month or for one year at -20 $^{\circ}$ C. Add 0.02% sodiumazide to prevent bacterial growth.
Quantitation:	Antibody concentration was determined by absorbance, taking A280=1.4 for a 1 mg/ml solution.
Application:	ELISA <i>In vitro</i> neutralization Western blot analysis

