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Data sheet

Polyclonal antibody to human interferon gamma (IFN- γ)

Cat. No.	CT217
Isotype	Rabbit Ig
Immunogen	Recombinant human IFN- γ (<i>E. coli</i> -derived)
Purification	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 human IFN- γ . High cross-reactivity with rhesus macaque IFN- γ .
Activity	$\geq 10^4$ 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 human IFN- γ (one unit corresponds with approximately 50 pg of pure human 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 ≥ 1 year at 2-8°C (see vial for expiry). After reconstitution, store at 2-8°C for up to one month if sterile. For long-term use, aliquot the solution and freeze at -32 to -18°C (stable ≥ 1 year). Add 0.02% sodium azide to prevent bacterial growth.
Quantitation	Antibody concentration was determined by absorbance, taking A280=1.4 for a 1 mg/ml solution.
Application	ELISA and ELISPOT assays Immunohistochemistry <i>In vitro</i> neutralization Intracellular staining Western blot analysis

