

## Data sheet Polyclonal antibody to human interferon gamma (IFN- $\gamma$ )

Cat. No.:	CT219
Isotype:	Rabbit Ig
Antigen:	For immunization recombinant human IFN- $\gamma$ ( <i>E. coli</i> -derived) is used.
Purification:	Antibodies were sequentially purified by ammonium sulphate precipitation, protein A- and ligand-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 and Old World monkey IFN- $\gamma$ .
Activity:	$\geq 0.6 \times 10^5$ 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- $\gamma$ (one unit corresponds with approximately 50 pg of pure human IFN- $\gamma$ ).
Sterility:	Membrane filtered (0.2 $\mu$ 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°C (expiry 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% sodiumazide to prevent bacterial growth.
Quantitation:	Antibody concentration was determined by absorbance, taking A280=1.4 for a 1 mg/ml solution.
Application:	Cytofluometry ELISA ELISPOT Immunohistochemistry <i>In vitro</i> neutralization
References:	Van Besouw, N.M. <i>et al.</i> 1994. J. Med. Primatol. 23: 42-48

