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Data sheet	Monoclonal antibody to monkey interferon gamma (IFN-γ)
Cat. No.	CT101
Clone	MD-1
Isotype	Mouse IgG ₁ , κ
Immunogen	Recombinant human IFN- γ
Production	<i>In vitro</i> using serum free medium
Purification	Ion exchange chromatography
Packaging	Lyophilized and vacuum-packed
Contents	0.5 mg/vial
Buffer	Prior to lyophilization: 0.5 ml PBS + 125 mM trehalose.
Specificity	Natural IFN- γ of humans, rhesus macaques, cynomolgus monkeys, pig-tailed macaques, Japanese macaques, crested black macaques, barbary macaques, lion-tailed macaques, baboons, mandrills, African green monkeys and black mangabeys binds with similar affinity.
Activity	15000 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 rhesus macaque IFN- γ (one unit corresponds with approximately 50 pg recombinant rhesus macaque 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°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% sodium azide to prevent bacterial growth.
Quantitation	Antibody concentration was determined by absorbance, taking A ₂₈₀ =1.4 for a 1 mg/ml solution.
Application	ELISPOT assays Immunohistochemistry <i>In vivo</i> and <i>in vitro</i> neutralization Intracellular staining Luminex technology Western blot analysis

References can be found in the Reference Database at www.ucytech.com/references.

