

U-CyTech B.V.
Yalelaan 48
3584 CM Utrecht
The Netherlands
+31 85 073 1460
info@ucytech.com
www.ucytech.com

Data sheet	Monoclonal antibody to human interferon gamma (IFN-γ)
Cat. No.	CT215
Clone	MD-1
Isotype	Mouse IgG ₁ , κ
Immunogen	Recombinant human IFN- γ (<i>E. coli</i> -derived)
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	Neutralizes both natural and recombinant human and monkey IFN- γ <i>in vitro</i> and <i>in vivo</i> . The antibody exerts no reactivity towards mouse and rat IFN- γ and human IFN- α and - β .
Activity	15000 neutralizing units/mg protein.
Neutralizing unit	One neutralizing unit is defined as the total amount of antibodies sufficient for neutralizing one antiviral unit of human IFN- γ as calibrated against NIH standard Gg 23-901-530.
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 A280=1.4 for a 1 mg/ml solution.
Application	ELISA and ELISPOT assay 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.

