

Data sheet Monoclonal antibody to human interferon gamma (IFN- γ)

Cat. No.:	CT216
Clone:	MD-2
Isotype:	Mouse IgG ₁
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:	Binds with high affinity to both natural and recombinant human IFN- γ but does not neutralize the antiviral bioactivity of IFN- γ <i>in vitro</i> . The antibody exerts no reactivity towards mouse and rat IFN- γ and human IFN- α and - β .
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% sodiumazide to prevent bacterial growth.
Quantitation:	Antibody concentration was determined by absorbance, taking A280=1.4 for a 1 mg/ml solution.
Application:	Coating antibody in ELISA Immunohistochemistry Western blot analysis
References:	Hoefakker, S. <i>et al.</i> 1993. Clin. Exp. Immunol. 93: 223-228 Tang, T.J. <i>et al.</i> 2005. J.Hepathol. 43: 45-52 Wierenga, E.A. <i>et al.</i> 1990. J. Immunology 144: 4651-4656

