

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

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| 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 |

