



**Data sheet Monoclonal antibody to mouse interferon gamma (IFN- γ)
Biotin-labeled**

Catalog nr.: **CT310**

Clone: F1

Isotype: Rat IgG_{2a}

Production: *In vitro* using serum free medium.

Purification: Ion exchange chromatography.

Labeling: With Biotin-7-NHS (N-hydroxysuccinimide).

Contents: 0.5 mg/vial

Buffer: Prior to lyophilization: 0.5 ml PBS + 125 mM trehalose.

Specificity: Binds with high efficacy to natural and recombinant mouse 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. 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: The concentration of protein was determined by the Bio-Rad protein assay using bovine IgG as a standard.

Application: Coating antibody in ELISA and ELISPOT systems
Immunohistochemistry
Western blot analysis

References: Eijkelpamp, N. *et al.* 2004. J. Neuroimmun. 150: 3-9
Hermans *et al.* 1987. J. Immunol. 138: 4175-4179
Hermans *et al.* 1989. Dev. biol. Standard 71: 113-119

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