



Manufactured By: U-CyTech Biosciences

Data sheet	Monoclonal antibody to rat interferon gamma (IFN- γ) Biotin-labeled
Cat. No.:	ACT035
Clone:	DB-1
Isotype:	Mouse IgG ₁
Production:	<i>In vitro</i> using serum free medium.
Purification:	Ion exchange chromatography.
Labeling:	With Biotin-7-NHS (N-hydroxysuccinimide).
Packaging:	Lyophilized and vacuum-packed.
Contents:	0.5 mg/vial
Buffer:	Prior to lyophilization: 0.5 ml PBS + 1% BSA + 125 mM trehalose.
Specificity:	Neutralizes both natural and recombinant rat IFN- γ and mouse IFN- γ <i>in vitro</i> and <i>in vivo</i> . The antibody does not bind to rodent IFN- α and - β or to human IFNs.
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:	ELISA systems Intracellular staining Immunohistochemistry
References:	Aguilar Torrentera, F. <i>et al.</i> 2002. Infect. Immun. 70: 5075-5080 Bernard, I. <i>et al.</i> 1998. Eur. Cytokine Netw. 9: 613-618 Van der Meide, P.H. <i>et al.</i> 1989. Lymphokine Res. 8: 439-449