

Data sheet	Monoclonal antibody to human interferon gamma (IFN- $\gamma$ ) FITC-labeled
Cat. No.:	ACT220
Clone:	MD-1
Isotype:	Mouse IgG <sub>1</sub>
Production:	<i>In vitro</i> using serum free medium.
Purification:	Ion exchange chromatography.
Labeling:	With 5(6)-Carboxyfluorescein-N-hydroxysuccinimide ester (FLUOS).
Packaging:	Lyophilized and vacuum-packed.
Contents:	50 $\mu$ g/vial
Buffer:	Prior to lyophilization: 0.5 ml PBS + 1% BSA + 125 mM trehalose.
Specificity:	Recognizes both natural and recombinant human and macaque IFN- $\gamma$ <i>in vitro</i> . The antibody exerts no reactivity towards mouse and rat IFN- $\gamma$ and human IFN- $\alpha$ and - $\beta$ .
Sterility:	Membrane filtered (0.2 $\mu$ m).
Reconstitution:	Dissolve the contents of the vial by injection of 0.5 ml sterile distilled water.
Working conc.:	1 to 2 $\mu$ l per 10 <sup>6</sup> PBMC (minimal 250 tests)
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:	Flow cytometry Intracellular staining
References:	Stevens, H.P.J.D. <i>et al.</i> 1990. Transplantation 50: 856-861 Van der Meide, P.H. <i>et al.</i> 1985. J. Immunol. Meth. 79: 293-305 Wierenga, E.A. <i>et al.</i> 1990. J. Immunology 144: 4651-4656