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**Data sheet**

**Monoclonal antibody to human interferon gamma (IFN- $\gamma$ )  
FITC-labeled**

<b>Cat. No.</b>	<b>CT220</b>
Clone	MD-1
Isotype	Mouse IgG <sub>1</sub> , $\kappa$
Immunogen	Recombinant human IFN- $\gamma$ ( <i>E. coli</i> -derived)
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, protected from light, 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 when protected from light. For long-term storage, it is recommended to divide the reconstituted product into small aliquots for single use. These aliquots are, protected by light, stable for one year at -20 °C. Add 0.02% sodium azide 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 can be found in the Reference Database at [www.ucytech.com/references](http://www.ucytech.com/references).

