



## **ANOGEN - A Division of YES Biotech Laboratories Ltd.**

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### **Mouse anti-Human Interferon-Gamma (IFN- $\gamma$ ) Monoclonal Tracer Antibody Datasheet (Tracer: Biotin-Conjugated)**

|                       |   |
|-----------------------|---|
| <b>Catalogue No</b>   | MO-C40004TB   |
| <b>Product name</b>   | Biotin conjugated mouse anti-human IFN- $\gamma$ monoclonal tracer antibody   |
| <b>Clones</b>         | CH8921  |
| <b>Product type</b>   | Matched antibody pair   |
| <b>Description</b>    | Mouse monoclonal antibody to human interferon gamma (IFN- $\gamma$ ), Protein G affinity purified. Labeled with Biotin.   |
| <b>Target protein</b> | Human IFN- $\gamma$   |
| <b>Immunogen</b>      | Purified recombinant human IFN- $\gamma$  |
| <b>Specificity</b>    | This monoclonal antibody reacts with natural and recombinant human IFN- $\gamma$  |
| <b>Reactivity</b>     | Human, others not tested  |
| <b>Clonality</b>      | Monoclonal  |
| <b>Source</b>         | Mouse   |
| <b>Subclass</b>       | IgG1  |
| <b>Light chain</b>    | Kappa   |
| <b>Formulation</b>    | Liquid. Buffer: 0.01M PBS, pH 7.0 $\pm$ 0.1 in 1% Gelatin and 0.1% NaN <sub>3</sub> .   |
| <b>Applications</b>   | ELISA: This Biotin-conjugated monoclonal antibody can be used as a tracer/detection antibody in a sandwich ELISA for human IFN- $\gamma$ detection in combination with a capture antibody (Cat. No.: MO-C40004D). Suggested Capture Coating Dose: 0.3 $\mu$ g/well; Substrate: TMB.<br>If the above suggested conditions are followed approximately 13.1pg/mL of IFN- $\gamma$ in serum/plasma or 7.5 pg/mL of IFN- $\gamma$ in cell medium/urine can be detected with an assay range of 0-1600 pg/ mL. |
| <b>Storage</b>        | Store at -20° C   |
| <b>Research</b>       | Cytokine  |
| <b>References</b>     | If research is published using this product, please inform Anogen in order to cite the reference on this datasheet. Anogen will provide any product of choice as gratitude.   |

**This product is for LABORATORY RESEARCH USE and further manufacture only, and can not be administrated to human and animals for use in diagnostic and therapeutic procedures.**

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