

**U-CyTech B.V.**  
Yalelaan 42  
3584 CM Utrecht  
The Netherlands  
+31 85 073 1460  
info@ucytech.com  
www.ucytech.com

## Data sheet

## Monoclonal antibody to rat interferon gamma (IFN- $\gamma$ ) Biotin-labeled

<b>Cat. No.</b>	<b>CT033</b>
<b>Clone</b>	DB-12
<b>Isotype</b>	Mouse IgG <sub>1</sub> , $\kappa$
<b>Immunogen</b>	Recombinant rat IFN- $\gamma$ (CHO-derived)
<b>Production</b>	<i>In vitro</i> using serum free medium
<b>Purification</b>	Ion exchange chromatography
<b>Labeling</b>	With biotin (biotinamido hexanoic acid N-hydroxysuccinimide ester)
<b>Packaging</b>	Lyophilized and vacuum-packed
<b>Contents</b>	50 $\mu$ g/vial
<b>Buffer</b>	Prior to lyophilization: 0.5 ml PBS + 1% BSA + 125 mM trehalose
<b>Specificity</b>	Non-neutralizing antibody. The antibody does not bind to mouse IFN- $\gamma$ , rodent IFN- $\alpha$ and - $\beta$ or to human IFNs.
<b>Sterility</b>	Membrane filtered (0.2 $\mu$ m)
<b>Reconstitution</b>	Dissolve the contents of the vial by injection of 0.5 ml sterile distilled water.
<b>Stability</b>	Lyophilized product is stable for at least one year at 2 to 8°C (expiry date is indicated on the vial). After reconstitution, the contents can be safely stored at 2 to 8°C for one month or for one year at -32 to -18°C. Add 0.02% sodium azide to prevent bacterial growth.
<b>Quantitation</b>	Antibody concentration was determined by absorbance, taking A <sub>280</sub> =1.4 for a 1 mg/ml solution.
<b>Application</b>	ELISA Immunohistochemistry

