

U-CyTech B.V.

Yalelaan 48 3584 CM Utrecht The Netherlands +31 85 073 1460 info@ucytech.com www.ucytech.com Data sheet Monoclonal antibody to rat interferon gamma (IFN-γ)

Cat. No. CT032

Clone DB-1

Isotype Mouse IgG_1 , κ

Immunogen Recombinant rat IFN-γ (CHO-derived)
Production In vitro using serum free medium

Purification Ion exchange chromatography

Packaging Lyophilized and vacuum-packed

Contents 0.5 mg/vial

Buffer Prior to lyophilization: 0.5 ml PBS + 125 mM trehalose.

Specificity Neutralizes both natural and recombinant rat IFN-y and mouse IFN-y in vitro and in vivo.

The antibody does not bind to rodent IFN- α and - β or to human IFNs.

Activity 6000 neutralizing units of rat IFN-γ/mg protein

Neutralizing unit One neutralizing unit is defined as the total amount of antibodies sufficient for

neutralizing one laboratory unit of recombinant rat IFN-γ (6 x 106 units approximates 1

mg pure rat IFN- γ).

Sterility Membrane filtered (0.2 µm)

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% sodium azide to prevent bacterial growth.

Quantitation Antibody concentration was determined by absorbance, taking A280=1.4 for a

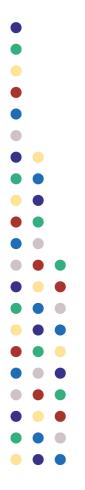
1 mg/ml solution.

Application ELISA and ELISPOT assays

In vitro and in vivo neutralization

Intracellular staining Western blot analysis

References can be found in the Reference Database at www.ucytech.com/references.



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