

## Data sheet Polyclonal antibody to human interferon gamma (IFN- $\gamma$ )

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| <b>Cat. No.:</b>          | <b>CT219</b>                                                                                                                                                                                                                                                    |
| <b>Isotype:</b>           | Rabbit Ig                                                                                                                                                                                                                                                       |
| <b>Antigen:</b>           | For immunization recombinant human IFN- $\gamma$ ( <i>E.coli</i> -derived) is used.                                                                                                                                                                             |
| <b>Purification:</b>      | Antibodies were sequentially purified by ammonium sulphate precipitation, protein A- and ligand-affinity chromatography.                                                                                                                                        |
| <b>Packaging:</b>         | Lyophilized and vacuum-packed.                                                                                                                                                                                                                                  |
| <b>Contents:</b>          | 0.5 mg/vial                                                                                                                                                                                                                                                     |
| <b>Buffer:</b>            | Prior to lyophilization: 0.5 ml PBS + 125 mM trehalose.                                                                                                                                                                                                         |
| <b>Specificity:</b>       | Neutralizes both natural and recombinant human and Old World monkey IFN- $\gamma$ .                                                                                                                                                                             |
| <b>Activity:</b>          | $\geq 0.6 \times 10^5$ neutralizing units/mg protein.                                                                                                                                                                                                           |
| <b>Neutralizing unit:</b> | One neutralizing unit is defined as the total amount of antibodies sufficient for neutralizing one laboratory unit of recombinant human IFN- $\gamma$ (one unit corresponds with approximately 50 pg of pure human IFN- $\gamma$ ).                             |
| <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 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.<br>Add 0.02% sodiumazide to prevent bacterial growth. |
| <b>Quantitation:</b>      | Antibody concentration was determined by absorbance, taking A280=1.4 for a 1 mg/ml solution.                                                                                                                                                                    |
| <b>Application:</b>       | Cytofluometry<br>ELISA<br>ELISPOT<br>Immunohistochemistry<br><i>In vitro</i> neutralization                                                                                                                                                                     |
| <b>References:</b>        | Van Besouw, N.M. <i>et al.</i> 1994. J. Med. Primatol. 23: 42-48                                                                                                                                                                                                |