

## Data sheet **Monoclonal antibody to human Granulocyte Macrophage Colony Stimulating factor (GM-CSF)**

<b>Cat. No.:</b>	<b>CT266</b>
Clone:	J1B10
Isotype:	Mouse IgG <sub>1</sub>
Production:	<i>In vitro</i> 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:	Binds and neutralizes both natural and recombinant human GM-CSF <i>in vitro</i> . 25 µg monoclonal antibody neutralizes the bioactivity of 50 units recombinant human GM-CSF.
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% sodiumazide to prevent bacterial growth.
Quantitation:	Antibody concentration was determined by absorbance, taking A <sub>280</sub> =1.4 for a 1 mg/ml solution.
Application:	Coating antibody in ELISA and ELISPOT systems <i>In vitro</i> neutralization

