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Data sheet	Monoclonal antibody to human Granulocyte Macrophage Colony Stimulating factor (GM-CSF)
Cat. No.	CT266
Clone	J1B10
Isotype	Mouse IgG ₁
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 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.
Quantitation:	Antibody concentration was determined by absorbance, taking A ₂₈₀ =1.4 for a 1 mg/ml solution.
Application:	ELISA and ELISPOT assays <i>In vitro</i> neutralization

