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| Data sheet | Monoclonal antibody to human Granulocyte Macrophage Colony Stimulating factor (GM-CSF) |
| Cat. No.: | ACT266 |
| 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 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 ₂₈₀ =1.4 for a 1 mg/ml solution. |
| Application: | Coating antibody in ELISA and ELISPOT systems <i>In vitro</i> neutralization |