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| Data sheet | Monoclonal antibody to mouse interleukin 9 (IL-9) |
| Cat. No. | CT327 |
| Clone | D9302C12 |
| Isotype | Hamster IgG ₂ |
| Immunogen | Recombinant mouse IL-9 |
| Production | <i>In vitro</i> using serum free medium |
| Purification | Affinity chromatography |
| Packaging | Lyophilized and vacuum-packed |
| Contents | 0.5 mg/vial |
| Buffer | Prior to lyophilization: 0.5 ml PBS + 125 mM trehalose. |
| Specificity | Binds with high affinity to and neutralizes both recombinant and natural mouse IL-9. |
| Cross-reactivity | No cross-reactivity with mouse IFN- γ , IL-1B, IL-2, IL-3, IL-4, IL-5, IL-6, IL-7, IL-10, IL-12p70, IL-15, GM-CSF, MCP-1/CCL2, TCA-3/CCL1 and TNF. |
| Sterility | Membrane filtered (0.2 μ m) |
| 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 A ₂₈₀ =1.4 for a 1 mg/ml solution. |
| Application | ELISA and ELISPOT assays <i>In vitro</i> neutralization |

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

