

## Data sheet Monoclonal antibody to mouse interleukin 9 (IL-9)

Cat. No.:	CT327
Clone:	D9302C12
Isotype:	Hamster IgG <sub>2</sub>
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- $\gamma$ , IL-1B, IL-2, IL-3, IL-4, IL-5, IL-6, IL-7, IL-10, IL-12p70, IL-15, GM-CSF, MCP-1, TCA-3 and TNF.
Sterility:	Membrane filtered (0.2 $\mu$ 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% 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:	ELISA and ELISPOT systems <i>In vitro</i> neutralization
References:	Chiba, Y. <i>et al.</i> 2004. Am. J. Physiol. Lung Cell Mol. Physiol. 287: L1193-L1198 Jones, T.G. <i>et al.</i> 2009. J. Immunology 183: 5251-5260



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