

Purified anti-mouse IL-9

Catalog # / Size: 514101 / 50 µg
514102 / 500 µg

Clone: RM9A4

Isotype: Rat IgG1, κ

Immunogen: Recombinant full length mouse IL-9

Reactivity: Mouse

Preparation: The antibody was purified by affinity chromatography.

Formulation: This antibody is provided in phosphate-buffered solution, pH 7.2, containing 0.09% sodium azide. Final antibody concentration is 0.5 mg/ml.

Concentration: 0.5 mg/ml

Storage: Upon receipt, store frozen at 4°C.

Applications:

Applications: ELISA - *Quality tested*

Recommended Usage: Each lot of this antibody is quality control tested by direct ELISA.

Application Notes: See the protocol for Th9 polarization of mouse splenocytes.

Application References:

1. Angkasekwinai P, *et al.* 2010. *Nat. Immunol.* 11:250. (ICFC) PubMed
2. Chang HC, *et al.* 2010. *Nat. Immunol.* 11:527. (ICFC) PubMed
3. Takami M, *et al.* 2012. *J Immunol.* 188:4369. PubMed.
4. Reynolds LA, *et al.* 2012. *J. Immunol.* 189:1113. PubMed.

Description: IL-9 is a potent, T cell-derived, T cell growth factor which can also enhance mast cell activity and IL-3- or IL-4-dependent proliferation of bone marrow-derived mast cells. IL-9 synergizes with erythropoietin to promote erythroid colony formation. IL-9 induces high affinity IgE receptor expression and granzyme A and B in murine T helper clones. The RM9A4 antibody reacts with mouse IL-9.

Antigen References:

1. Fitzgerald K, *et al.* Eds. 2001. *The Cytokine FactsBook*. Academic Press San Diego.
2. Quesniaux V, *et al.* 1992. *Research Immunology* 143:385.
3. Renaud J, *et al.* 1993. *Adv. Immunol.* 54:79.
4. Yang Y, *et al.* 1992. *Leuk. Lymphoma* 8:441.

Related Products:

Product
Purified Rat IgG1, κ Isotype Ctrl
Cell Staining Buffer
RBC Lysis Buffer (10X)

Clone
RTK2071

Application
FC, ICFC, ICC, IF, IHC, IP, WB
FC, ICC, ICFC
FC, ICFC



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