Mouse IL-9 R Antibody

Monoclonal Rat IgG_{2A} Clone # 224325

Catalog Number: MAB2134

DESCRIPTION

Species Reactivity	Mouse
Specificity	Detects mouse IL-9 R in direct ELISAs and Western blots. In Western blots, no cross-reactivity with recombinant mouse (rm) IL-5 Rα, recombinant human (rh) IL-5 Rβ, rmIL-4 R, rhIL-9 R, rmIL-13 Rα1, or rmIL-13 Rα2 is observed.
Source	Monoclonal Rat IgG_{2A} Clone # 224325
Purification	Protein A or G purified from hybridoma culture supernatant
Immunogen	*S. frugiperda* insect ovarian cell line *Sf* 21-derived recombinant mouse IL-9 R Val38-Ser271 (predicted) Accession # NP_001127930
Formulation	Lyophilized from a 0.2 μm filtered solution in PBS with Trehalose. See Certificate of Analysis for details. *Small pack size (-SP) is supplied either lyophilized or as a 0.2 μm filtered solution in PBS.

APPLICATIONS

Please Note: *Optimal dilutions should be determined by each laboratory for each application. General Protocols are available in the Technical Information section on our website.*

	Recommended Concentration	Sample
Western Blot	1 µg/mL	Recombinant Mouse IL-9 R under non-reducing conditions only

PREPARATION AND STORAGE

Reconstitution	Reconstitute at 0.5 mg/mL in sterile PBS.
Shipping	The product is shipped at ambient temperature. Upon receipt, store it immediately at the temperature recommended below. *Small pack size (-SP) is shipped with polar packs. Upon receipt, store it immediately at -20 to -70 °C
Stability & Storage	**Use a manual defrost freezer and avoid repeated freeze-thaw cycles.** ● 12 months from date of receipt, -20 to -70 °C as supplied. ● 1 month, 2 to 8 °C under sterile conditions after reconstitution. ● 6 months, -20 to -70 °C under sterile conditions after reconstitution.

BACKGROUND

IL-9 R belongs to the hematopoietin receptor superfamily and is the binding subunit of the heterodimeric IL-9 receptor complex. The other subunit is the common γ chain shared with the receptors for IL-2, IL-4, IL-7, IL-15 and IL-21. IL-9 R is expressed by T cells, neutrophils, mast cells and macrophages.

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