

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 R α , recombinant human (rh) IL-5 R β , rmlIL-4 R, rhIL-9 R, rmlIL-13 R α 1, or rmlIL-13 R α 2 is observed.
Source	Monoclonal Rat IgG _{2A} Clone # 224325
Purification	Protein A or G purified from hybridoma culture supernatant
Immunogen	<i>S. frugiperda</i> insect ovarian cell line Sf 21-derived recombinant mouse IL-9 R Val38-Ser271 (predicted) Accession # NP_001127930
Conjugate	Alexa Fluor 488 Excitation Wavelength: 488 nm Emission Wavelength: 515-545 nm
Formulation	Supplied 0.2mg/ml in 1X PBS with RDF1 and 0.09% Sodium Azide *Contains <0.1% Sodium Azide, which is not hazardous at this concentration according to GHS classifications. Refer to the Safety Data Sheet (SDS) for additional information and handling instructions.

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.

Western Blot Optimal dilution of this antibody should be experimentally determined.

PREPARATION AND STORAGE

Shipping The product is shipped with polar packs. Upon receipt, store it immediately at the temperature recommended below.

Stability & Storage Protect from light. Do not freeze. 12 months from date of receipt, 2 to 8 °C as supplied

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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