

DESCRIPTION

Species Reactivity	Human
Specificity	Detects human IL-9 R in direct ELISAs. In direct ELISAs, no cross-reactivity with recombinant human (rh) IL-4 R, rhIL-5 Rα, rhIL-5 Rβ, rhIL-13 Rα1, rhIL-13 Rα2, or recombinant mouse IL-9 R is observed.
Source	Monoclonal Mouse IgG ₁ Clone # 33423
Purification	Protein A or G purified from ascites
Immunogen	<i>S. frugiperda</i> insect ovarian cell line Sf 21-derived recombinant human IL-9 R
Conjugate	Alexa Fluor 350 Excitation Wavelength: 346 nm Emission Wavelength: 442 nm
Formulation	Supplied 0.2 mg/mL in a saline solution containing BSA and Sodium Azide. See Certificate of Analysis for details. *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.

	Recommended Concentration	Sample
Flow Cytometry	0.25-1 µg/10 ⁶ cells	Human whole blood monocytes

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. <ul style="list-style-type: none"> 12 months from date of receipt, 2 to 8 °C as supplied.

BACKGROUND

Interleukin 9 Receptor (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, and IL-15. IL-9 R is expressed by T cells, neutrophils, mast cells, and macrophages.

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