

DESCRIPTION

Species Reactivity	Mouse
Specificity	Detects mouse IL-2 R β in direct ELISAs. In direct ELISAs, no cross-reactivity with recombinant human (rh) IL-2 R α , rhIL-2 R β , recombinant mouse (rm) IL-2 R γ , rhIL-15 R α , or rmlL-21 R is observed.
Source	Monoclonal Rat IgG _{2A} Clone # 130122
Purification	Protein A or G purified from hybridoma culture supernatant
Immunogen	Mouse myeloma cell line NS0-derived recombinant mouse IL-2 R β Ala27-Glu240 Accession # P16297
Conjugate	Alexa Fluor 700 Excitation Wavelength: 675-700 nm Emission Wavelength: 723 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 μ g/10 ⁶ cells	Mouse splenocytes

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

IL-2 R β (IL-2 Receptor β ; designated CD122) is a type I transmembrane protein that associates with IL-2 R α and the common γ chain to form a high affinity heterotrimeric receptor complex for IL-2. IL-2 R β and the common γ chain can also associate with IL-15 R α . IL-2 R β is expressed by T, B, NK cells and monocyte/macrophages.

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