Mouse IL-2 Rβ
Alexa Fluor® 405-conjugated Antibody

Monoclonal Rat IgG_{2A} Clone # 130122

Catalog Number: FAB5891V

100 µg

DESCRIPTION

Species Reactivity	Mouse
Specificity	Detects mouse IL-2 Rβ in direct ELISAs. In direct ELISAs, no cross-reactivity with recombinant human (rh) IL-2 Rα, rhIL-2 Rβ, recombinant mouse (rm) IL-2 Rγ, rhIL-15 Rα, or rmIL-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 Rβ Ala27-Glu240 Accession # P16297
Conjugate	Alexa Fluor 405 Excitation Wavelength: 405 nm Emission Wavelength: 421 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	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.** ● 12 months from date of receipt, 2 to 8 °C as supplied.

BACKGROUND

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

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