

Mouse Common γ Chain/IL-2 R γ Alexa Fluor® 700-conjugated Antibody

Monoclonal Rat IgG_{2B} Clone # 644346

Catalog Number: FAB7842N
100 μ g

DESCRIPTION

Species Reactivity	Mouse
Specificity	Detects mouse Common γ Chain/IL-2 R γ in direct ELISAs. In direct ELISAs, no cross-reactivity with recombinant mouse (rm) IL-2 R α , rmlL-2 R β , recombinant human (rh) IL-2 R γ , rhIL-15 R α , recombinant rat IL-2 R α , or recombinant canine IL-2 R α is observed.
Source	Monoclonal Rat IgG _{2B} Clone # 644346
Purification	Protein A or G purified from hybridoma culture supernatant
Immunogen	<i>S. frugiperda</i> insect ovarian cell line Sf21-derived recombinant mouse Common γ Chain/IL-2 R γ Trp23-Ala263 (predicted) Accession # P34902
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	CD3+ 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

The Common gamma Chain, also known as CD132, is a transmembrane protein belonging to the hematopoietin receptor family. γ c is a signaling component of the functional receptor complexes for IL-2, IL-4, IL-7, IL-9, and IL-15.

PRODUCT SPECIFIC NOTICES

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