

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

Monoclonal Rat IgG_{2B} Clone # 135727

Catalog Number: IC7841N
100 μ g

DESCRIPTION

Species Reactivity	Mouse
Specificity	Detects mouse Common γ Chain/IL-2 R γ in direct ELISAs.
Source	Monoclonal Rat IgG _{2B} Clone # 135727
Purification	Protein A or G purified from hybridoma culture supernatant
Immunogen	<i>S. frugiperda</i> insect ovarian cell line Sf 21-derived recombinant mouse Common γ Chain/IL-2 R γ Met1-Ala263 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
Intracellular Staining by Flow Cytometry	0.25-1 μ g/10 ⁶ cells	EL-4 mouse lymphoblast cell line fixed with paraformaldehyde and permeabilized with saponin

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

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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