

# Mouse Common $\gamma$ Chain/IL-2 R $\gamma$ Alexa Fluor® 488-conjugated Antibody

Monoclonal Rat IgG<sub>2B</sub> Clone # 135727

Catalog Number: IC7841G  
100  $\mu$ g

## DESCRIPTION

<b>Species Reactivity</b>	Mouse
<b>Specificity</b>	Detects mouse Common $\gamma$ Chain/IL-2 R $\gamma$ in direct ELISAs.
<b>Source</b>	Monoclonal Rat IgG <sub>2B</sub> Clone # 135727
<b>Purification</b>	Protein A or G purified from hybridoma culture supernatant
<b>Immunogen</b>	<i>S. frugiperda</i> insect ovarian cell line Sf 21-derived recombinant mouse Common $\gamma$ Chain/IL-2 R $\gamma$ Met1-Ala263 Accession # P34902
<b>Conjugate</b>	Alexa Fluor 488 Excitation Wavelength: 488 nm Emission Wavelength: 515-545 nm
<b>Formulation</b>	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
<b>Intracellular Staining by Flow Cytometry</b>	0.25-1 $\mu$ g/10 <sup>6</sup> cells	EL-4 mouse lymphoblast cell line fixed with paraformaldehyde and permeabilized with saponin

## PREPARATION AND STORAGE

<b>Shipping</b>	The product is shipped with polar packs. Upon receipt, store it immediately at the temperature recommended below.
<b>Stability &amp; Storage</b>	<b>Protect from light. Do not freeze.</b> ● 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.  $\gamma$ 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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