

# Mouse Common $\gamma$ Chain/IL-2 R $\gamma$ Alexa Fluor® 750-conjugated Antibody

Monoclonal Rat IgG<sub>2B</sub> Clone # 644346

Catalog Number: FAB7842S

100  $\mu$ g

## DESCRIPTION

<b>Species Reactivity</b>	Mouse
<b>Specificity</b>	Detects mouse Common $\gamma$ Chain/IL-2 R $\gamma$ in direct ELISAs. In direct ELISAs, no cross-reactivity with recombinant mouse (rm) IL-2 R $\alpha$ , rmlL-2 R $\beta$ , recombinant human (rh) IL-2 R $\gamma$ , rhIL-15 R $\alpha$ , recombinant rat IL-2 R $\alpha$ , or recombinant canine IL-2 R $\alpha$ is observed.
<b>Source</b>	Monoclonal Rat IgG <sub>2B</sub> Clone # 644346
<b>Purification</b>	Protein A or G purified from hybridoma culture supernatant
<b>Immunogen</b>	<i>S. frugiperda</i> insect ovarian cell line Sf21-derived recombinant mouse Common $\gamma$ Chain/IL-2 R $\gamma$ Trp23-Ala263 (predicted) Accession # P34902
<b>Conjugate</b>	Alexa Fluor 750 Excitation Wavelength: 749 nm Emission Wavelength: 775 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>Flow Cytometry</b>	0.25-1 $\mu$ g/10 <sup>6</sup> cells	CD3+ mouse splenocytes

## 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> <ul style="list-style-type: none"> <li>12 months from date of receipt, 2 to 8 °C as supplied.</li> </ul>

## 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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