DESCRIPTION
Species Reactivity: Mouse
Specificity: Detects mouse Common γ Chain/IL-2 Rγ in direct ELISAs.
Source: Monoclonal Rat IgG2B Clone # 135727
Purification: Protein A or G purified from hybridoma culture supernatant
Immunogen: S. frugiperda insect ovarian cell line Sf 21-derived recombinant mouse Common γ Chain/IL-2 Rγ Met1-Ala263 Accession # P34902
Endotoxin Level: <0.10 EU per 1 μg of the antibody by the LAL method.
Formulation: Lyophilized from a 0.2 μm filtered solution in PBS with Trehalose. See Certificate of Analysis for details.
*Small pack size (-SP) is supplied either lyophilized or as a 0.2 μm filtered solution in PBS.

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
Intracellular Staining by Flow Cytometry: 0.25 μg/10^6 cells
CyTOF-ready: Ready to be labeled using established conjugation methods. No BSA or other carrier proteins that could interfere with conjugation.

PREPARATION AND STORAGE
Reconstitution: Reconstitute at 0.5 mg/mL in sterile PBS.
Shipping: The product is shipped at ambient temperature. Upon receipt, store it immediately at the temperature recommended below.
*Small pack size (-SP) is shipped with polar packs. Upon receipt, store it immediately at -20 to -70 °C
Stability & Storage: Use a manual defrost freezer and avoid repeated freeze-thaw cycles.
- 12 months from date of receipt, -20 to -70 °C as supplied.
- 1 month, 2 to 8 °C under sterile conditions after reconstitution.
- 6 months, -20 to -70 °C under sterile conditions after reconstitution.

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