

DESCRIPTION

Species Reactivity	Mouse
Specificity	Detects mouse Common γ Chain/ IL-2 Ry in direct ELISAs and Western blots. In direct ELISAs, no cross-reactivity with recombinant human Common γ Chain, recombinant mouse (rm) IL-2 R α , or rmlL-2 R β is observed.
Source	Monoclonal Rat IgG _{2A} Clone # 644337
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 Ry Ser25-Ala263 (predicted) Accession # P34902
Conjugate	Alexa Fluor 647 Excitation Wavelength: 650 nm Emission Wavelength: 668 nm
Formulation	Supplied 0.2mg/ml in 1X PBS with RDF1 and 0.09% Sodium Azide *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.

Western Blot Optimal dilution of this antibody should be experimentally determined.

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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