Mouse IL-2 Rβ Alexa Fluor® 488-conjugated Antibody

Monoclonal Rat IgG_{2A} Clone # 130128

Catalog Number: FAB589G

100 µg

DESCRIPTION

Species Reactivity	Mouse
Specificity	Detects mouse IL-2 Rβ in direct ELISAs and Western blots. In direct ELISAs, no cross-reactivity with recombinant human (rh) IL-2 Rβ, rhIL-2 Rα, recombinant mouse (rm) IL-2 Rγ, rmIL-21 R, or rhIL-15 R is observed. In Western blots under reducing conditions
Source	Monoclonal Rat IgG_{2A} Clone # 130128
Purification	Protein A or G purified from hybridoma culture supernatant
Immunogen	Mouse myeloma cell line NS0-derived recombinant mouse IL-2 Rβ Ala27-Glu240 Accession # P16297
Conjugate	Alexa Fluor 488 Excitation Wavelength: 488 nm Emission Wavelength: 515-545 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

IL-2 Rβ is a type I transmembrane protein that associates with IL-2 Rα and the common γ chain to form a high affinity heterotrimeric receptor complex for IL-2. IL-2 Rβ and the common γ chain can also associate with IL-15 Rα. IL-2 Rβ is expressed by T, B, NK cells and monocyte/macrophages.

PRODUCT SPECIFIC NOTICES

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