

DESCRIPTION

Species Reactivity	Human
Specificity	Detects human CD25/IL-2 Rα in ELISAs and Western blots. In Western blots, detects recombinant rat CD25/IL-2 Rα but no cross-reactivity with recombinant mouse CD25/IL-2 Rα. In sandwich immunoassays, this antibody does not cross-react or interfere
Source	Monoclonal Mouse IgG ₁ Clone # 24204
Purification	Protein A or G purified from ascites
Immunogen	<i>S. frugiperda</i> insect ovarian cell line Sf 21-derived recombinant human CD25/IL-2 Rα Glu22-Cys213 Accession # P01589
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.

ELISA Capture (Matched Antibody Pair)	Optimal dilution of this antibody should be experimentally determined.
ELISA Detection (Matched Antibody Pair)	Optimal dilution of this antibody should be experimentally determined.
Western Blot	Optimal dilution of this antibody should be experimentally determined.
Immunocytochemistry	Optimal dilution of this antibody should be experimentally determined.
Immunohistochemistry	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 Rα is a type I transmembrane protein that associates with IL-2 Rβ and the common γ chain to form a high affinity heterotrimeric receptor complex for IL-2. A soluble form of IL-2 Rα has been detected in serum.

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