

# Human CD25/IL-2 R alpha Alexa Fluor® 594-conjugated Antibody

Monoclonal Mouse IgG<sub>2A</sub> Clone # 24212

Catalog Number: FAB1020T  
100 µg

## DESCRIPTION

<b>Species Reactivity</b>	Human
<b>Specificity</b>	Detects human CD25/IL-2 Rα in direct ELISAs and Western blots. In direct ELISAs, no cross-reactivity with recombinant human (rh) IL-2 Rγ or rhIL-15 Rα is observed.
<b>Source</b>	Monoclonal Mouse IgG <sub>2A</sub> Clone # 24212
<b>Purification</b>	Protein A or G purified from hybridoma culture supernatant
<b>Immunogen</b>	<i>S. frugiperda</i> insect ovarian cell line Sf 21-derived recombinant human CD25/IL-2 Rα Glu22-Cys213 Accession # P01589
<b>Conjugate</b>	Alexa Fluor 594 Excitation Wavelength: 590 nm Emission Wavelength: 617 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 µg/10 <sup>6</sup> cells	Human Treg cells (PBMC treated overnight with anti-human CD3 (10 µg/mL; Catalog # MAB100), anti-human CD28 (5 µg/mL; Catalog # MAB342), TGF-beta (10 ng/mL; Catalog # 100-B), and rhIL-2 (20 ng/mL; Catalog # 202-IL).

## 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

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.

## PRODUCT SPECIFIC NOTICES

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