

# Rabbit anti-Human IL-2R mAb (DET)

**Catalog No.: RM17893**

## Basic Information

**Catalog No.**  
RM17893

**Category**  
Elisa Antibody Kit

**Application**  
CLIA assay ELISA assay

## Product Information

**Ig Type**  
Rabbit IgG

**Purification**  
Affinity purification

**Endotoxin Level**

**Storage**  
This antibody can be stored at 2°C-8°C for one month without detectable loss of activity. Antibody products are stable for twelve months from date of receipt when stored at -20°C to -80°C. Preservative-Free.

**Avoid repeated freeze-thaw cycles.**

**Formulation**  
Supplied as a 0.2um filtered solution in PBS with 0.1%Braveds MB-1,PH 7.4.

## Contact

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## Background

CD25/IL-2 receptor alpha is a transmembrane protein that associates with IL-2 R beta/CD122 and the Common gamma Chain/CD132 on activated T cells and regulatory T cells (Treg). The Common gamma chain is a shared subunit in the receptors for IL-4, -7, -9, -15, and -21. IL-2 R alpha is required for mediating IL-2 induced effects including T cell proliferation, activation induced cell death (AICD) of autoreactive naive T cells, and the development of CD4+CD25+ Treg which contribute to peripheral T cell homeostasis. A soluble form of IL-2 R alpha can be generated by proteolytic cleavage of the cell surface receptor.

## Immunogen Information

**Immunogen**  
Recombinant Human IL-2R alpha Protein

## Cross-Reactivity

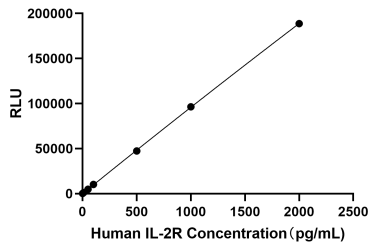
## Assay Applications

Human IL-2R CLIA assay

	Recommended Concentration	Sample
CLIA Capture	1-4ug/mL	Rabbit anti-Human IL-2R mAb(CAP)(Cat. No.RM17892)
CLIA Detection	0.5-2ug/mL	Rabbit anti-Human IL-2R mAb(DET)(Cat. No.RM17893)
Standard	5-2000pg/mL	Recombinant Human IL-2R Protein

## Validation Data

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This standard curve is only for demonstration purposes. A standard curve should be generated for each assay.