abcam

**ab210330**

# APC Anti-IL-2 Receptor alpha antibody [PC61.5]

Anti-IL-2 Receptor alpha antibody [PC61.5] conjugated to APC - suitable for flow cytometry, and reacts with mouse samples. Clone [PC61.5] is a rat monoclonal antibody and one of the most commonly used clones for flow cytometry.

Design your panel with our interactive flow cytometry panel builder. Click here.

## Key facts

| | |
|---|---|
| **Isotype** | IgG1 |
| **Host species** | Rat |
| **Conjugation** | APC |
| **Excitation/Emission** | Ex: 650nm, Em: 660nm |
| **Storage buffer** | pH: 7.2 Preservative: 0.09% Sodium azide Constituents: 0.87% Sodium chloride, 0.12% Sodium dihydrogen phosphate, 0.1% Gelatin |
| **Form** | Liquid |
| **Clonality** | Monoclonal |
| **Clone number** | PC61.5 |
| **Purification technique** | Affinity purification |
| **Concentration** | 0.2 mg/mL The concentration of this product may be batch-dependent<br>Batch concentration finder → |
| **Purification notes** | Purified from tissue culture supernatant and conjugated under optimal conditions, with unreacted dye removed from the preparation. |

## Reactivity data

## Flow Cyt

**Tested**

| | |
|---|---|
| **Species** | Mouse |
| **Dilution info** | - |
| **Notes** | Use at 0.125 µg/test |

## Target data

See full target information Il2ra

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|---|---|
| **Function** | Receptor for interleukin-2. The receptor is involved in the regulation of immune tolerance by controlling regulatory T cells (TREGs) activity. TREGs suppress the activation and expansion of autoreactive T-cells. |

## Storage

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|---|---|
| **Shipped at conditions** | Blue Ice |
| **Appropriate short-term storage conditions** | +4°C |
| **Appropriate long-term storage conditions** | +4°C |
| **Aliquoting information** | Upon delivery aliquot |
| **Storage information** | Store in the dark |

## Notes

This antibody is used as a marker for T cells, B cells and dendritic cell subsets. Expression of CD25, CD4 and the transcription factor Foxp3 is regarded as a phenotypic signature for Treg cells. As such, this antibody is widely used to distinguish Treg cells from naïve or conventional T cells which are CD25-.

## Product promise

**Tested**

We have tested this species and application combination and it works. It is covered by our product promise.

**Expected**

We have not tested this specific species and application combination in-house, but expect it will work. It is covered by our product promise.

**Predicted**

This species and application combination has not been tested, but we predict it will work based on strong homology. However, this combination is not covered by our product promise.

**Not recommended**

We do not recommend this combination. It is not covered by our product promise.

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We are dedicated to supporting your work with high quality reagents and we are here for you every step of the way should you need us.

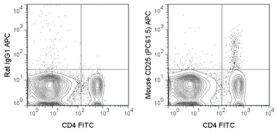
In the unlikely event of one of our products not working as expected, you are covered by our product promise.

Full details and terms and conditions can be found here:
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## 1 product image

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### Flow Cytometry - APC Anti-IL-2 Receptor alpha antibody [PC61.5] (ab210330)

IL-2 Receptor alpha Flow Cytometry staining using rat Anti-IL-2 Receptor alpha antibody

Flow Cytometry analysis of C57Bl/6 splenocytes labeling IL-2 Recepter alpha with ab210330 at 0.125 µg (right panel) or 0.125 µg Allophycocyanin Rat IgG1 (left panel). Counterstain: FITC Anti-Mouse CD4.

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