abcam

**ab210335**

# PE/Cy7® Anti-IL-2 Receptor alpha antibody [PC61.5]

Anti-IL-2 Receptor alpha antibody [PC61.5] conjugated to PE/Cy7® - 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** | PE/Cy7® |
| **Excitation/Emission** | Ex: 565nm, Em: 778nm |
| **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 Protein A |
| **Light chain type** | lambda |
| **Concentration** | 0.2 mg/mL The concentration of this product may be batch-dependent<br>Batch concentration finder → |
| **Purification notes** | ab210335 was purified from tissue culture supernatant via affinity chromatography. The purified antibody was conjugated under optimal conditions, with unreacted dye removed from the preparation. |

## Reactivity data

## Flow Cyt

### Tested

| | |
|---|---|
| **Species** | Mouse |
| **Dilution info** | - |
| **Notes** | Suggested use 0.125 µg. |

## Target data

See full target information Il2ra

| | |
|---|---|
| **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

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

## 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**

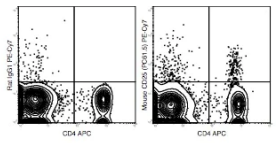
We do not recommend this combination. It is not covered by our product promise.

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:
Terms & Conditions.

## 1 product image



### Flow Cytometry - PE/Cy7® Anti-IL-2 Receptor alpha antibody [PC61.5] (ab210335)

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

Flow Cytometric analysis of Mouse C57Bl/6 spleen cells labeling Anti-IL-2 Receptor alpha with APC Anti-Mouse CD4 antibody and ab210335 at 0.125 µg (right panel) or PE-Cy7 Rat IgG1 isotype control at 0.125 µg (left panel).

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.