Anti-IL-2 Receptor alpha antibody [PC61] ab86908

Overview

Product name: Anti-IL-2 Receptor alpha antibody [PC61]
Description: Rat monoclonal [PC61] to IL-2 Receptor alpha
Host species: Rat
Tested applications: Suitable for: Flow Cyt
Species reactivity: Reacts with: Mouse
Immunogen: The details of the immunogen for this antibody are not available.
Positive control: Mouse splenocytes, stimulated with 5 ug/ml ConA for three days prior to testing.

Properties

Form: Liquid
Storage instructions: Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze/thaw cycles.
Storage buffer: Constituent: PBS
Purity: Protein G purified
Clonality: Monoclonal
Clone number: PC61
Isotype: IgG1
Light chain type: lambda

Applications

Our Abpromise guarantee covers the use of ab86908 in the following tested applications.
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

<table>
<thead>
<tr>
<th>Application</th>
<th>Abreviews</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>Flow Cyt</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Application notes: Flow Cyt: Use 0.1-0.25µg for 10^6 cells.
Not yet tested in other applications.
Optimal dilutions/concentrations should be determined by the end user.

### Target

**Function** | Receptor for interleukin-2.
---|---
**Involvement in disease** | Genetic variations in IL2RA are associated with susceptibility to diabetes mellitus insulin-dependent type 10 (IDDM10) [MIM:601942]. A multifactorial disorder of glucose homeostasis that is characterized by susceptibility to ketoacidosis in the absence of insulin therapy. Clinical features are polydipsia, polyphagia and polyuria which result from hyperglycemia-induced osmotic diuresis and secondary thirst. These derangements result in long-term complications that affect the eyes, kidneys, nerves, and blood vessels.

**Sequence similarities** | Contains 2 Sushi (CCP/SCR) domains.

**Cellular localization** | Membrane.

### Images

Flow cytometry analysis in ConA stimulated mouse splenocytes using ab86908 at 0.1 µg per 1x10^6 cells.

Shaded histogram represents cells without antibody; green represents isotype control; red represents anti-CD25 antibody.

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