

## ARG23334 anti-CD25 antibody [B-B10] (PE)

Package: 500 µl  
Store at: 4°C

### Summary

|                     |   |
|---------------------|---|
| Product Description | PE-conjugated Mouse Monoclonal antibody [B-B10] recognizes CD25   |
| Tested Reactivity   | Hu  |
| Tested Application  | FACS  |
| Specificity         | This antibody recognizes the Interleukin 2 Receptor a chain (IL-2 Ra), a 55 kDa protein.  |
| Host                | Mouse   |
| Clonality           | Monoclonal  |
| Clone               | B-B10   |
| Isotype             | IgG1  |
| Target Name         | CD25  |
| Species             | Human   |
| Immunogen           | PHA activated T cells   |
| Conjugation         | PE  |
| Alternate Names     | IL-2-RA; IL-2 receptor subunit alpha; CD25; TCGFR; TAC antigen; IL2R; CD antigen CD25; Interleukin-2 receptor subunit alpha; IL-2R subunit alpha; p55; IL2-RA; IDDM10 |

### Application Instructions

| Application table | <table> <tr> <th>Application</th><th>Dilution</th></tr> <tr> <td>FACS</td><td>Assay-dependent</td></tr> </table>   | Application | Dilution | FACS | Assay-dependent |
|-------------------|--|-------------|----------|------|-----------------|
| Application       | Dilution   |             |          |      |                 |
| FACS              | Assay-dependent  |             |          |      |                 |
| Application Note  | <p>FACS: Use 10 µl to label 10<sup>6</sup> cells or 100 µl of whole blood.</p> <p>* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.</p> |             |          |      |                 |

### Properties

|                     |  |
|---------------------|--|
| Form                | Liquid   |
| Buffer              | PBS, 0.1% Sodium azide and 1% BSA.   |
| Preservative        | 0.1% Sodium azide  |
| Stabilizer          | 1% BSA   |
| Storage instruction | Aliquot and store in the dark at 2-8°C. Keep protected from prolonged exposure to light. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use. |
| Note                | For laboratory research only, not for drug, diagnostic or other use.   |

|                |  |
|----------------|--|
| Gene Symbol    | IL2RA  |
| Gene Full Name | interleukin 2 receptor, alpha  |
| Background     | <p>The interleukin 2 (IL2) receptor alpha (IL2RA) and beta (IL2RB) chains, together with the common gamma chain (IL2RG), constitute the high-affinity IL2 receptor. Homodimeric alpha chains (IL2RA) result in low-affinity receptor, while homodimeric beta (IL2RB) chains produce a medium-affinity receptor. Normally an integral-membrane protein, soluble IL2RA has been isolated and determined to result from extracellular proteolysis. Alternately-spliced IL2RA mRNAs have been isolated, but the significance of each is presently unknown. Mutations in this gene are associated with interleukin 2 receptor alpha deficiency.[provided by RefSeq, Nov 2009]</p> |
| Function       | Receptor for interleukin-2. [UniProt]  |
| Research Area  | Immune System antibody; Pre-B Cell Marker antibody   |
| Calculated Mw  | 31 kDa   |