

PRODUCT INFORMATION

| | |
|---|---|
| Clone ID | DM148 |
| Target | IL2RA |
| Synonyms | IL2RA;CD25;p55;IL2-RA;IL-2-RA |
| Host Species | Rabbit |
| Description | Biotinylated Anti-IL2RA antibody(DM148); Rabbit mAb |
| Delivery | 2-3 weeks |
| Uniprot ID | P01589 |
| IgG type | Rabbit IgG |
| Clonality | Monoclonal |
| Reactivity | Human |
| Applications | ELISA; Flow Cyt |
| Recommended Dilutions | ELISA 1:5000-10000; Flow Cyt 1:100 |
| Purification | Purified from cell culture supernatant by affinity chromatography |
| Formulation & Reconstitution | Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8% trehalose is added as protectants before lyophilization. Please see Certificate of Analysis for specific instructions of reconstitution. |
| Storage & Shipping | Store at -20°C to -80°C for 12 months in lyophilized form. After reconstitution, if not intended for use within a month, aliquot and store at -80°C (Avoid repeated freezing and thawing). Lyophilized proteins are shipped at ambient temperature. |
| Background | 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. |
| Usage | Research use only |
| Conjugate | Biotinylated |

