

PRODUCT INFORMATION

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| Clone ID | DM148 |
| Target | IL2RA |
| Synonyms | IL2RA;CD25;p55;IL2-RA;IL-2-RA |
| Host Species | Rabbit |
| Description | Anti-IL2RA antibody(DM148); Rabbit mAb |
| Delivery | In Stock |
| 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 |
| Endotoxin | Less than 1.0 EU/μg by the LAL method. For <1 EU/mg requirements, please contact us for customization. |
| 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. |
| Sterility | Products are supplied non-sterile. For cell culture applications, dilute in appropriate medium and sterile-filter (0.22 μm) prior to use. |
| 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 | Unconjugated |
| DIMA Disclaimer | All DIMA recombinant antibodies are genuinely generated by DIMA Biotech. They are all under patent application. Any protein sequencing or reverse engineering attempt is prohibited. We are actively scr |



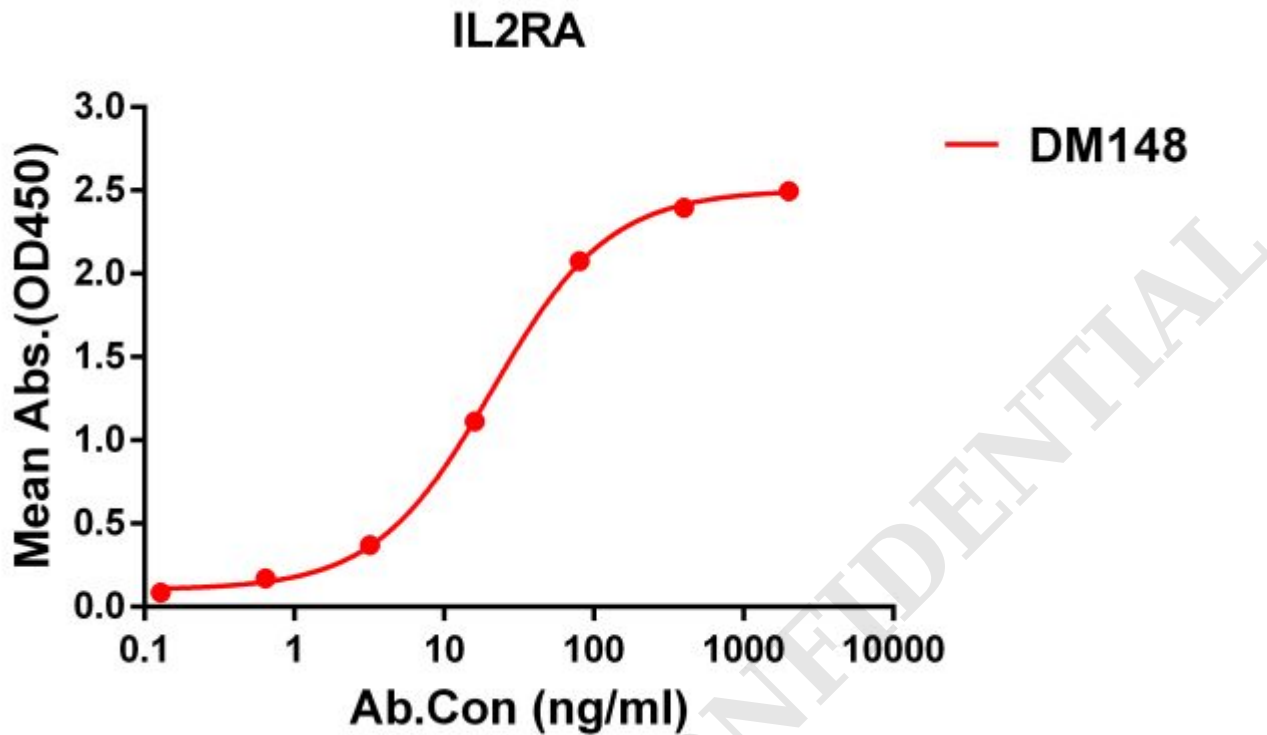


Figure 1. ELISA plate pre-coated by 1 $\mu\text{g/ml}$ (100 $\mu\text{l/well}$) Human IL2RA protein, His tagged protein ([getskuurl sku="PME100098"]) can bind Rabbit anti-IL2RA monoclonal antibody(clone: **DM148**) in a linear range of 5-100 ng/ml.

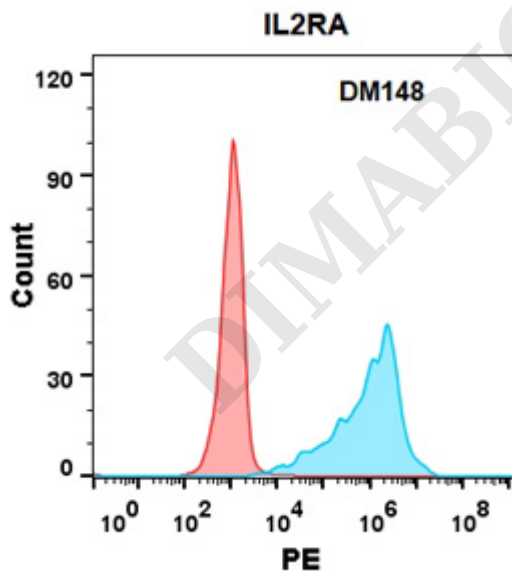


Figure 2. Flow cytometry analysis with Anti-IL2RA (DM148) on HEK293 cells transfected with human IL2RA (Blue histogram) or HEK293 transfected with irrelevant protein (Red histogram).

