

PRODUCT INFORMATION

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
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



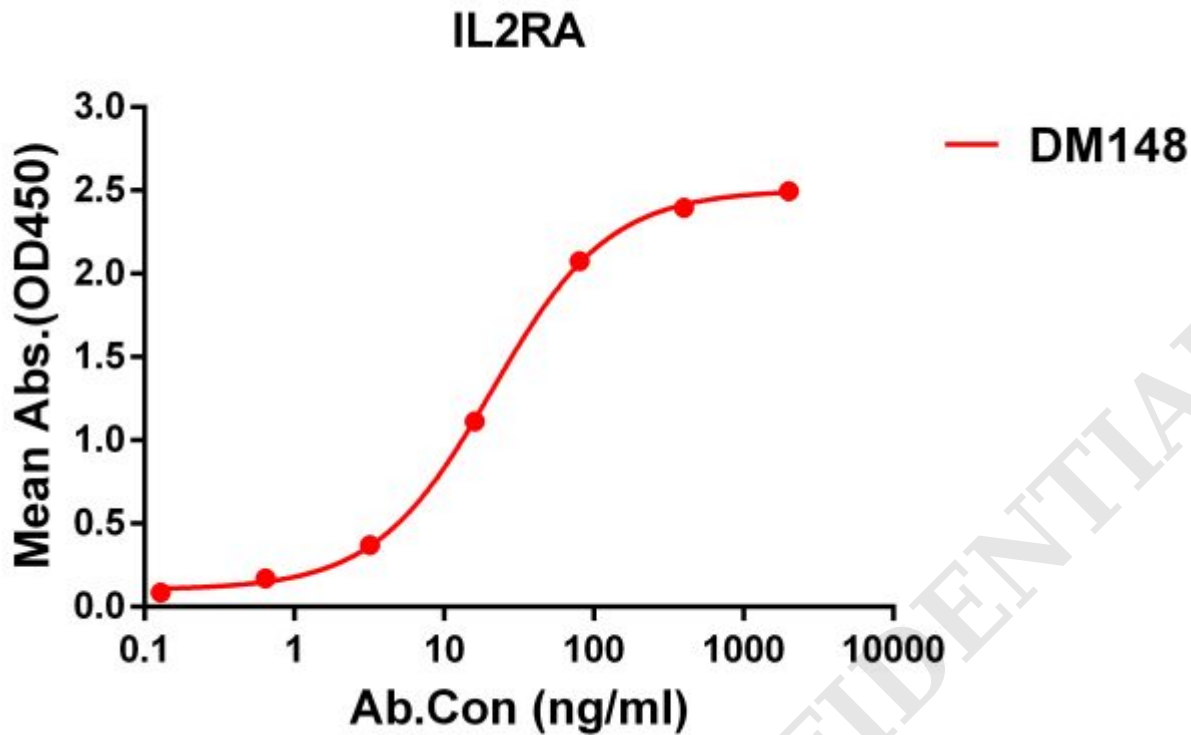


Figure 1. ELISA plate pre-coated by 1 $\mu\text{g/ml}$ (100 $\mu\text{l/well}$) Human IL2RA protein, His tagged protein ([getskuurl sku="PME100098"]) can bind Rabbit anti-IL2RA monoclonal antibody(**clone: DM148**) in a linear range of 5-100 ng/ml.

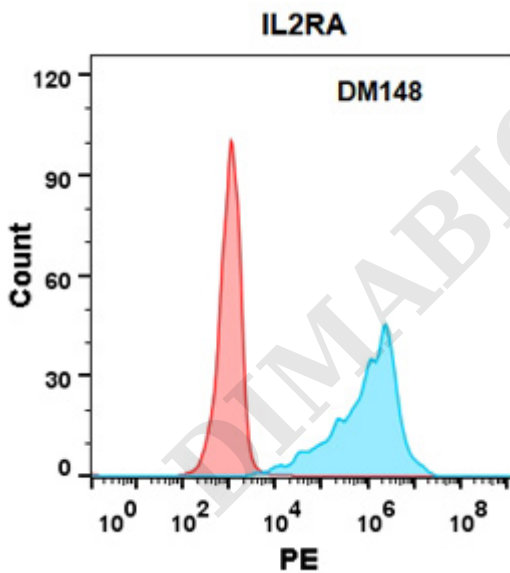


Figure 2. Flow cytometry analysis with Anti-IL2RA (DM148) on Expi293 cells transfected with human IL2RA (Blue histogram) or Expi293 transfected with irrelevant protein (Red histogram).

