

Product name:	IL-2R α Rabbit Polyclonal Antibody
Cat number:	ABN12547
Conjugate:	Unconjugated
Size:	100 μ L
Clone:	Polyclonal
Concentration:	1mg/ml
Host:	Rabbit
Isotype:	IgG
Immunogen:	The antiserum was produced against synthesized peptide derived from human IL-2R α /CD25. AA range:223-272
Reactivity:	Human,Rat,Mouse
Applications:	WB 1:500-1:2000,ICC/IF 1:200-1:1000,ELISA 1:10000-1:20000
Molecular Weight:	55kDa
Purification:	Affinity purification
Form:	Liquid
Buffer:	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% New type preservative N.
Storage:	Store at 4°C short term. Aliquot and store at -20°C for 12 months. Avoid freeze/thaw cycles.
Background:	The interleukin 2 (IL2) receptor α (IL2RA) and β (IL2RB) chains, together with the common γ chain (IL2RG), constitute the high-affinity IL2 receptor. Homodimeric α chains (IL2RA) result in low-affinity receptor, while homodimeric β (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 α deficiency.[provided by RefSeq, Nov 2009],disease:Genetic variations in IL2RA are associated with susceptibility to insulin-dependent diabetes mellitus type 10 (IDDM10) [MIM:601942].,function:Receptor for interleukin-2.,online information:IL2RA mutation db,similarity:Contains 2 Sushi (CCP/SCR) domains.,subunit:Non-covalent dimer of an α and a β chains. IL2R exists in 3 different forms: a high affinity dimer, an intermediate affinity monomer (β chain), and a low affinity monomer (α chain). The high and intermediate affinity forms also associate with a γ chain.,