

## IL2RA

**Reactivity:**Human Mouse Rat

**Tested applications:**WB

**Recommended Dilution:**WB 1:500 - 1:2000

**Calculated MW:**31kDa

**Observed MW:**Refer to Figures

**Immunogen:**

A synthetic peptide of human IL2RA

**Storage Buffer:**

Store at -20. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

**Concentration:**

b

**Synonym:**

CD25; IL2R; TCGFR; IDDM10

**Catalog #:**A2984

**Antibody Type:**

Polyclonal Antibody

**Species:**Rabbit

**Gene ID:**3559

**Isotype:**IgG

**Swiss Prot:**P01589

**Purity:**Affinity purification

For research use only.

**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.

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