

## IL2RB Polyclonal Antibody

**Catalog No.** E-AB-11040

*Note:* Centrifuge before opening to ensure complete recovery of vial contents.

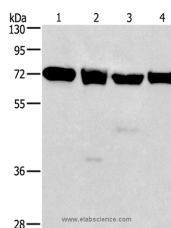
### Description

<b>Reactivity</b>	Human
<b>Immunogen</b>	Recombinant protein of human IL2RB
<b>Host</b>	Rabbit
<b>Isotype</b>	IgG
<b>Purification</b>	Affinity purification
<b>Conjugation</b>	Unconjugated
<b>Buffer</b>	PBS with 0.05% sodium azide and 50% glycerol, PH7.4

### Applications Recommended Dilution

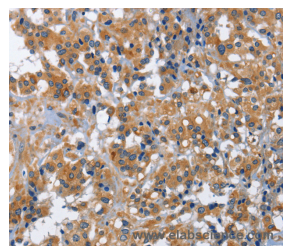
<b>WB</b>	1:500-1:2000
<b>IHC</b>	1:25-1:100

### Data

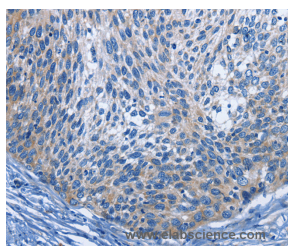


Western Blot analysis of 231, 293T, Raji and hela cell using IL2RB Polyclonal Antibody at dilution of 1:325

**Calculated Mw:61kDa**



Immunohistochemistry of paraffin-embedded Human thyroid cancer using IL2RB Polyclonal Antibody at dilution of 1:30



Immunohistochemistry of paraffin-embedded Human cervical cancer using IL2RB Polyclonal Antibody at dilution of 1:30

### Preparation & Storage

**Storage** Store at -20°C. Avoid freeze / thaw cycles.

### For Research Use Only

## Background

The interleukin 2 receptor, which is involved in T cell-mediated immune responses, is present in 3 forms with respect to ability to bind interleukin 2. The low affinity form is a monomer of the alpha subunit and is not involved in signal transduction. The intermediate affinity form consists of an alpha/beta subunit heterodimer, while the high affinity form consists of an alpha/beta/gamma subunit heterotrimer. Both the intermediate and high affinity forms of the receptor are involved in receptor-mediated endocytosis and transduction of mitogenic signals from interleukin 2. The protein encoded by this gene represents the beta subunit and is a type I membrane protein.

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