

## IL-2R beta(Phospho Tyr364) Polyclonal Antibody

### Description

<b>Product type</b>	Primary Antibody
<b>Code</b>	BT-AP10325
<b>Host</b>	Rabbit
<b>Isotype</b>	IgG
<b>Size</b>	20ul, 50ul, 100ul
<b>Immunogen</b>	The antiserum was produced against synthesized peptide derived from human IL-2R beta/CD122 around the phosphorylation site of Tyr364. AA range:331-380
<b>Mol wt</b>	61117
<b>Species reactivity</b>	Human, Mouse, Rat, Monkey
<b>Clonality</b>	Polyclonal
<b>Recommended application</b>	WB, ELISA
<b>Concentration</b>	1 mg/ml
<b>Full name</b>	Interleukin-2 receptor subunit beta
<b>Synonyms</b>	Interleukin-2 receptor subunit beta; IL2RB; Interleukin-2 receptor subunit beta; IL-2 receptor subunit beta; IL-2R subunit beta; IL-2RB; High affinity IL-2 receptor subunit beta; p70-75; p75; CD antigen CD122

This product is for research use only, not for use in human, therapeutic or diagnostic procedure.

### 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. The use of alternative promoters results in multiple transcript variants encoding the same protein. The protein is primarily expressed in the hematopoietic system. The use by some variants of an alternate promoter in an up

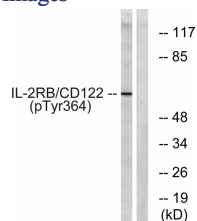
### Recommended Dilution

WB: 1: 500 - 1: 2000

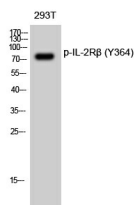
ELISA: 1: 10000

Not yet tested in other applications.

### Images



Western Blot analysis of 293T cells using Phospho-IL-2R $\beta$  (Y364) Polyclonal Antibody diluted at 1:500



Western blot analysis of lysates from COS7 cells, using IL-2R beta/CD122 (Phospho-Tyr364) Antibody. The lane on the right is blocked with the phospho peptide.

## Storage

-20°C for 1 year

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