



Rabbit Anti-phospho-IL2 Receptor beta (Tyr364) antibody

SL11300R

Product Name:	phospho-IL2 Receptor beta (Tyr364)
Chinese Name:	磷酸化白介素2受体β链抗体
Alias:	IL2 Receptor beta (phospho Y364); IL2 Receptor beta (phospho Tyr364); p-IL2 Receptor beta (Tyr364); Imterleukm-2 Receptor beta; CD 122; CD122; CD122 antigen; High affinity IL 2 receptor beta subunit; High affinity IL 2 receptor subunit beta; High affinity IL2 receptor beta subunit; High affinity IL2 receptor subunit beta; High affinity IL-2 receptor subunit beta; IL 2 receptor; IL-2 receptor; IL-2 receptor subunit beta; IL-2R subunit beta; IL-2RB; IL15RB; IL2 R B; IL-2 R B; IL2 RB; IL2 receptor; IL2RB; Interleukin 2 receptor beta; Interleukin 2 receptor subunit beta; Interleukin-2 receptor subunit beta; OTTHUMP00000028799; P70 75; P7075; p75; IL2RB_HUMAN.
Organism Species:	Rabbit
Clonality:	Polyclonal
React Species:	Human,Mouse,Rat,Chicken,Pig,Cow,Horse,Sheep,
Applications:	WB=1:500-2000ELISA=1:500-1000IHC-P=1:400-800IHC-F=1:400-800ICC=1:100-500IF=1:100-500 (Paraffin sections need antigen repair) not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Molecular weight:	58kDa
Cellular localization:	The cell membrane
Form:	Lyophilized or Liquid
Concentration:	1mg/ml
immunogen:	KLH conjugated Synthesised phosphopeptide derived from human IL2 Receptor beta around the phosphorylation site of Tyr364:QG(p-Y)F
Lsotype:	IgG
Purification:	affinity purified by Protein A
Storage Buffer:	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
Storage:	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized

	antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.
PubMed:	PubMed
Product Detail:	<p>IL2 Receptor beta (CD122) is a member of the immunoglobulin superfamily that forms the high affinity IL2 receptor with CD25 and CD132. This receptor chain, which is also shared by the IL15 receptor, is constitutively expressed by NK cells and at lower levels by T cells, B cells, monocytes, and macrophages. The IL2 Receptor beta chain can combine with either the common gamma subunit (gamma c) alone or the gamma c subunit and the IL2 Receptor alpha subunit to generate intermediate or high affinity IL2 receptor complexes, respectively. CD122 levels can be upregulated by activation stimuli such as IL2.</p> <p>Function: Receptor for interleukin-2. This beta subunit is involved in receptor mediated endocytosis and transduces the mitogenic signals of IL2.</p> <p>Subunit: Non-covalent dimer of an alpha and a beta subunit. IL2R exists in 3 different forms: a high affinity dimer, an intermediate affinity monomer (beta subunit), and a low affinity monomer (alpha subunit). The high and intermediate affinity forms also associate with a gamma subunit. Interacts with SHB upon interleukin stimulation. Interacts with HTLV-1 accessory protein p12I.</p> <p>Subcellular Location: Membrane; Single-pass type I membrane protein.</p> <p>Similarity: Belongs to the type I cytokine receptor family. Type 4 subfamily. Contains 1 fibronectin type-III domain.</p> <p>SWISS: P14784</p> <p>Gene ID: 3560</p> <p>Database links:</p> <p>Entrez Gene: 3560Human</p> <p>Entrez Gene: 16185Mouse</p> <p>Omim: 146710Human</p> <p>SwissProt: P14784Human</p> <p>SwissProt: P16297Mouse</p>

[Unigene: 474787](#)Human

[Unigene: 35287](#)Mouse

Important Note:

This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

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