

产品名称: IL-2R β (phospho Tyr364) Rabbit Polyclonal Antibody
产品货号: APRab04838



产品概述 (Summary)

产品名称 (Production Name)	IL-2R β (phospho Tyr364) Rabbit Polyclonal Antibody
描述 (Description)	Rabbit polyclonal Antibody
宿主 (Host)	Rabbit
应用 (Application)	WB, ICC/IF, ELISA
种属反应性 (Reactivity)	Human, Mouse, Rat

产品性能 (Performance)

偶联物 (Conjugation)	Unconjugated
修饰 (Modification)	Phosphorylated
同种型 (Isotype)	IgG
克隆 (Clonality)	Polyclonal
形式 (Form)	Liquid
存放说明 (Storage)	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
储存溶液 (Buffer)	Liquid in PBS containing 50% glycerol, 0.5% protective protein and 0.02% New type preservative N.
纯化方式 (Purification)	Affinity purification

免疫原信息 (Immunogen)

基因名 (Gene Name)	IL2RB
别名 (Alternative Names)	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
基因 ID (Gene ID)	3560.0
蛋白 ID (SwissProt ID)	P14784. The antiserum was produced against synthesized peptide derived from human IL-2R beta around the phosphorylation site of Tyr364. AA range: 331-380

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稀释比 (Dilution Ratio)	WB 1:500-1:2000, ICC/IF 1:200-1:1000, ELISA 1:5000-1:20000
蛋白分子量 (Molecular Weight)	61kDa

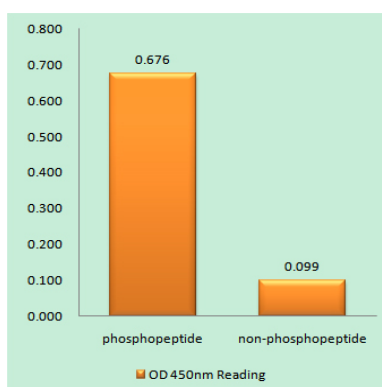
研究背景 (Background)

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 updomain: The box 1 motif is required for JAK interaction and/or activation., domain: The WSXWS motif appears to be necessary for proper protein folding and thereby efficient intracellular transport and cell-surface receptor binding., function: Receptor for interleukin-2. This beta subunit is involved in receptor mediated endocytosis and transduces the mitogenic signals of IL2., similarity: Belongs to the type I cytokine receptor family. Type 4 subfamily., similarity: Contains 1 fibronectin type-III domain., subunit: Non-covalent dimer of an alpha and a beta chains. IL2R exists in 3 different forms: a high affinity dimer, an intermediate affinity monomer (beta chain), and a low affinity monomer (alpha chain). The high and intermediate affinity forms also associate with a gamma chain. Interacts with SHB upon interleukin stimulation. Interacts with HTLV-1 accessory protein p12l.,

研究领域 (Research Area)

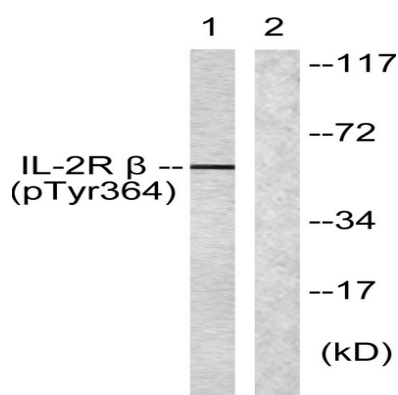
Cytokine-cytokine receptor interaction; Endocytosis; Jak_STAT;

图片 (Image Data)



Enzyme-Linked Immunosorbent Assay (Phospho-ELISA) for Immunogen Phosphopeptide (Phospho-left) and Non-Phosphopeptide (Phospho-right), using IL-2R beta (Phospho-Tyr364) Antibody

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

注意事项 (Note)

For research use only .