

**产品名称:** Phospho-IL-2R $\beta$  (Tyr364) Rabbit Polyclonal Antibody

**产品货号:** APRab04839

### 产品概述 (Summary)

|                   |                                                                                                   |
|-------------------|---------------------------------------------------------------------------------------------------|
| 描述(Description)   | Rabbit polyclonal Antibody                                                                        |
| 宿主(Host)          | Rabbit                                                                                            |
| 应用(Application)   | WB,ELISA                                                                                          |
| 种属反应(Reactivity)  | Human,Mouse,Rat,Monkey                                                                            |
| 偶联物(Conjugation)  | Unconjugated                                                                                      |
| 修饰(Modification)  | Phosphorylated                                                                                    |
| 同种型(Isotype)      | IgG                                                                                               |
| 克隆(Clonality)     | Polyclonal                                                                                        |
| 剂型(Form)          | Liquid                                                                                            |
| 保存条件(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 (Purification) | Affinity purification                                                                             |

### 产品应用(Application)

|                       |                                      |
|-----------------------|--------------------------------------|
| 稀释比(Dilution Ratio)   | WB 1:500-1:2000,ELISA 1:5000-1:20000 |
| 分子量(Molecular Weight) | 75kDa                                |

### 抗原信息(Antigen Information)

|                       |                                                                                                                                                                             |
|-----------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 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                                                                                                                                                                      |
| SwissProt ID          | P14784                                                                                                                                                                      |
| 免疫原(Immunogen)        | The antiserum was produced against synthesized peptide derived from human IL-2R beta/CD122 around the phosphorylation site of Tyr364. AA range:331-380                      |

### 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.,

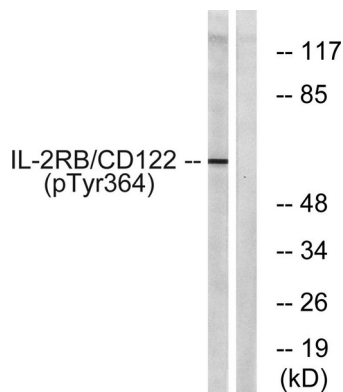
### 研究领域 (Research Area)

Cytokine-cytokine receptor interaction; Endocytosis; Jak\_STAT;

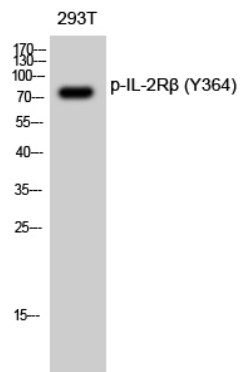
### 注意事项 (Note)

For research use only.

### 图片 (Image Data)



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.



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

## EnkiLife 优势产品推荐

| 产品类别                        | 产品货号     | 产品名称                                               |
|-----------------------------|----------|----------------------------------------------------|
| WB 解决方案                     | RA10020  | 2h 极速 WB 即用型全流程试剂盒                                 |
|                             | RA10021  | 4h 快速 WB 即用型全流程试剂盒                                 |
|                             | RA10042  | 5h 畅享版 WB 全流程试剂盒                                   |
|                             | RA10037  | 校准级彩色预染蛋白 Marker (8-180kDa)                        |
|                             | RA10038  | 校准级彩色预染蛋白 Marker (10-250kDa)                       |
|                             | RA10039  | 校准级高分子彩色预染蛋白 Marker (25-400kDa)                    |
| TSA 多重荧光染色试剂盒               | RA10008  | TSA 双标三色多重荧光染色试剂盒 (mIHC)                           |
|                             | RA10009  | TSA 三标四色多重荧光染色试剂盒 (mIHC)                           |
|                             | RA10010  | TSA 四标五色多重荧光染色试剂盒 (mIHC)                           |
|                             | RA10011  | TSA 五标六色多重荧光染色试剂盒 (mIHC)                           |
|                             | RA10012  | TSA 六标七色多重荧光染色试剂盒 (mIHC)                           |
| IHC 检测试剂盒                   | RA10006  | HRP Anti-Mouse/Rabbit IHC Detection System         |
|                             | RA10007  | Polymer-HRP Anti-Mouse/Rabbit IHC Detection System |
| 抗体标记试剂盒                     | RE80004p | 辣根过氧化物酶(HRP)抗体标记试剂盒                                |
|                             | RE80002q | Sulfo-NHS-生物素标记试剂盒                                 |
|                             | RE80007p | Cy3 荧光素标记试剂盒                                       |
|                             | RE80011p | Fluor488 荧光素标记试剂盒                                  |
|                             | RE80017p | Fluor750 荧光素标记试剂盒                                  |
|                             | RE80005p | 藻红蛋白(R-PE) 抗体快速标记试剂盒                               |
|                             | RE80040  | PE-Cy7 串联染料抗体快速标记试剂盒                               |
| 稳转细胞系构建服务<br>(免费赠送全膜 WB 验证) | TS-0001  | 过表达稳转细胞系构建                                         |
|                             | TS-0002  | 敲低稳转细胞系构建                                          |
|                             | TS-0003  | 敲除细胞系构建                                            |

限于篇幅，更多产品详见官网：<https://www.enkilife.cn>