

白细胞介素-2 单克隆抗体

产品货号： mlR0389

英文名称： IL-2

中文名称： 白细胞介素-2 单克隆抗体

别 名： Interleukin-2; T-cell growth factor; Aldesleukin; IL 2; Interleukin 2; Interleukin2; Lymphokine; POIL2; T Cell Growth Factor; TCGF.

研究领域： 免疫学 糖蛋白

抗体来源： Mouse

克隆类型： Monoclonal

克 隆 号： H2E4

交叉反应： Human,

产品应用： WB=1:500-2000 ELISA=1:500-1000 IHC-P=1:400-800 IHC-F=1:400-800 IF=1:100-500 （石蜡切片需做抗原修复）

not yet tested in other applications.

optimal dilutions/concentrations should be determined by the end user.

分 子 量： 15kDa

细胞定位： 分泌型蛋白

性 状： Lyophilized or Liquid

浓 度： 1mg/ml

免 疫 原： Recombinant human IL-2:21-153/153

亚 型 : IgG

纯化方法 : affinity purified by Protein G

储 存 液 : 0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.

保存条件 : 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

产品介绍 : The protein encoded by this gene is a secreted cytokine that is important for the proliferation of T and B lymphocytes. The receptor of this cytokine is a heterotrimeric protein complex whose gamma chain is also shared by interleukin 4 (IL4) and interleukin 7 (IL7). The expression of this gene in mature thymocytes is monoallelic, which represents an unusual regulatory mode for controlling the precise expression of a single gene. The targeted disruption of a similar gene in mice leads to ulcerative colitis-like disease, which suggests an essential role of this gene in the immune response to antigenic stimuli. [provided by RefSeq, Jul 2008]

Function:

Produced by T-cells in response to antigenic or mitogenic stimulation, this protein is required for T-cell proliferation and other activities crucial to regulation of the immune response. Can stimulate B-cells, monocytes, lymphokine-activated killer cells, natural killer cells, and glioma cells.

Subcellular Location:

Secreted.

DISEASE:

Note=A chromosomal aberration involving IL2 is found in a form of T-cell acute lymphoblastic leukemia (T-ALL). Translocation t(4;16)(q26;p13) with involves TNFRSF17.

Similarity:

Belongs to the IL-2 family.

SWISS:

P60568

Gene ID:

3558

Important Note:

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