

白介素 21 抗体

产品货号： mIR2621

英文名称： IL21

中文名称： 白介素 21 抗体

别 名： IL 21;IL-21; Interleukin 21; Interleukin21; Za11; IL21_HUMAN; Interleukin-21; interleukin-21 isoform; OTTHUMP00000164088.

研究领域： 肿瘤 免疫学

抗体来源： Rabbit

克隆类型： Polyclonal

交叉反应： Human, Mouse, Rat, Dog, Pig, Cow,

产品应用： WB=1:500-2000 ELISA=1:500-1000

not yet tested in other applications.

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

分 子 量： 18kDa

细胞定位： 分泌型蛋白

性 状： Lyophilized or Liquid

浓 度： 1mg/ml

免 疫 原： KLH conjugated synthetic peptide derived from human IL-21:65-155/155

亚 型： IgG

纯化方法： affinity purified by Protein A

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： This gene encodes a member of the common-gamma chain family of cytokines with immunoregulatory activity. The encoded protein plays a role in both the innate and adaptive immune responses by inducing the differentiation, proliferation and activity of multiple target cells including macrophages, natural killer cells, B cells and cytotoxic T cells. Dysregulation of this gene plays a role in multiple immune-mediated diseases including lupus, psoriasis and chronic inflammatory diseases. Alternatively spliced transcript variants encoding multiple isoforms have been observed for this gene. [provided by RefSeq, Dec 2011]

Function:

Cytokine with immunoregulatory activity. May promote the transition between innate and adaptive immunity. Induces the production of IgG(1) and IgG(3) in B-cells. May play a role in proliferation and maturation of natural killer (NK) cells in synergy with IL15. May regulate proliferation of mature B- and T-cells in response to activating stimuli. In synergy with IL15 and IL18 stimulates interferon gamma production in T-cells and NK cells. During T-cell mediated immune response may inhibit dendritic cells (DC) activation and maturation.

Subcellular Location:

Secreted.

Tissue Specificity:

Expressed in activated CD4-positive T-cells but not in CD8-positive T-cells, B-cells, or monocytes.

Similarity:

Belongs to the IL-15/IL-21 family.

SWISS:

Q9HBE4

Gene ID:

59067

Important Note:

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

白介素 21 是多效免疫调节活性的细胞因子,与其受体结合后可以调节并促进 B 细胞、T 细胞、NK 细胞的增殖、分化并提高 NK 细胞杀伤活性。