

白介素 18 抗体

产品货号： mlR4988

英文名称： IL-18

中文名称： 白介素 18 抗体

别名： IGIF; interferon gamma-inducing factor IGIF; Interferon gamma-inducing factor; IFN-gamma-inducing factor; Interleukin-1 gamma; Iboctadekin; IFN gamma inducing factor; IGIF; IL 1 gamma; IL 18; IL 1g; IL1 gamma; IL18 protein; IL1F4; IL1g; IL1gamma; IL1F4; Interferon gamma inducing factor; Interleukin 1 gamma; Interleukin 18; Interleukin18; MGC12320; IL18_HUMAN.

研究领域： 肿瘤 心血管 免疫学 细胞因子 新陈代谢

抗体来源： Rabbit

克隆类型： Polyclonal

交叉反应： Human, Pig, Cow, Horse, Sheep,

产品应用： WB=1:500-2000 ELISA=1:500-1000 IHC-P=1:400-800 IHC-F=1:400-800 ICC=1:100-500 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： 17kDa

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-18/IGIF:101-193/193

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： IL18 (IFN-gamma-inducing factor, IGIF) is a novel pro-inflammatory cytokine that augments natural killer (NK) activity in spleen cells. This cytokine can induce the IFN-gamma production of T cells. The combination of this cytokine and IL12 has been shown to inhibit IL4 dependent IgE and IgG1 production, and enhance IgG2a production of B cells. IL18 binding protein (IL18BP) can specifically interact with this cytokine, and thus negatively regulate its biological activity.

IL18 also has other biological properties such as stimulation of Fas ligand expression, and induction of CC and CXC chemokines. IL18 increases production of competent HIV. IL18 is related to the IL1 family. One of the IL18 receptor chains is the IL1 receptor-related protein, a member of the IL 1R family. Like IL1 , IL18 is first synthesized as a leaderless precursor requiring the IL1 converting enzyme (ICE) for cleavage into an active molecule. IL18 may play a role in tissue injury in inflammatory reactions.

Function:

Augments natural killer cell activity in spleen cells and stimulates interferon gamma production in T-helper type I cells.

Subcellular Location:

Secreted.

Similarity:

Belongs to the IL-1 family.

SWISS:

Q14116

Gene ID:

3606

Important Note:

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

产品图片

