

粒细胞-巨噬细胞克隆刺激因子抗体

产品货号： mlR3790

英文名称： GM-CSF

中文名称： 粒细胞-巨噬细胞克隆刺激因子抗体

别名： Granulocyte-Macrophage Colony Stimulating Factor; Burst Promoting Activity; CMCSF; Colony Stimulating Factor 2; Colony stimulating factor; CSF 2; CSF Alpha; CSF; CSF2; Eosinophil Colony Stimulating Factor; GMCSF; Granulocyte Macrophage Colony Stimulating Factor; MGC131935; MGC138897; Molgramostin; Pluripoietin Alpha; Sargramostim; granulocyte-macrophage colony-stimulating factor precursor; CSF2_HUMAN.

研究领域： 肿瘤 免疫学 信号转导 趋化因子 细胞表面分子

抗体来源： Rabbit

克隆类型： Polyclonal

交叉反应： Human, Mouse, Rat, Chicken, Dog, Cow, Rabbit,

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： 14kDa

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 GM-CSF:65-144/144

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： The protein encoded by this gene is a cytokine that controls the production, differentiation, and function of granulocytes and macrophages. The active form of the protein is found extracellularly as a homodimer. This gene has been localized to a cluster of related genes at chromosome region 5q31, which is known to be associated with interstitial deletions in the 5q- syndrome and acute myelogenous leukemia. Other genes in the cluster include those encoding interleukins 4, 5, and 13. [provided by RefSeq, Jul 2008].

Function:

Cytokine that stimulates the growth and differentiation of hematopoietic precursor cells from various lineages, including granulocytes, macrophages, eosinophils and erythrocytes.

Subunit:

Monomer. The signaling GM-CSF receptor complex is a dodecamer of two head-to-head hexamers of two alpha, two beta, and two ligand subunits.

Subcellular Location:

Secreted.

Similarity:

Belongs to the GM-CSF family.

SWISS:

P04141

Gene ID:

1437

Important Note:

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

GM-CSF 是血管内皮细胞、单核细胞和成纤维细胞合成的糖蛋白。能促进中性粒细胞成熟；刺激成熟的粒细胞从骨髓释出；增强中性粒细胞趋化及吞噬功能。