



GM-CSF Monoclonal Antibody

Catalog No	YP-Ab-15835
Isotype	IgG
Reactivity	Human
Applications	WB;ELISA
Gene Name	CSF2
Immunogen	Purified recombinant fragment of human GM-CSF (aa18-144) expressed in E. Coli.
Specificity	GM-CSF Monoclonal Antibody detects endogenous levels of GM-CSF protein.
Formulation	Ascitic fluid containing 0.03% sodium azide, 0.5% BSA, 50% glycerol.
Source	Monoclonal, Mouse
Purification	Affinity purification
Dilution	Western Blot: 1/500 - 1/2000. ELISA: 1/10000. Not yet tested in other applications.
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	CSF2; Colony stimulating factor; Colony Stimulating Factor 2; Colony-stimulating factor; CSF; GM-CSF; Granulocyte-macrophage colony-stimulating factor; GMCSF; Molgramostin; Sargramostim
Calculated Molecular Weight	16kD
Cell Pathway	Secreted .
Tissue Specificity	Peripheral blood,
Function	function: Cytokine that stimulates the growth and differentiation of hematopoietic precursor cells from various lineages, including granulocytes, macrophages, eosinophils and erythrocytes., online information: Clinical information on Leukine, pharmaceutical: Available under the names Leukine (Immunex) and Leucomax (Novartis). Used in myeloid reconstitution following bone marrow transplant, bone marrow transplant engraftment failure or delay, mobilization and following transplantation of autologous peripheral blood progenitor cells, and following induction chemotherapy in older adults with acute myelogenous leukemia., polymorphism: Variant Ile-117 may be a risk factor for atopic asthma., similarity: Belongs to the GM-CSF family., subunit: Monomer.,



Background

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],

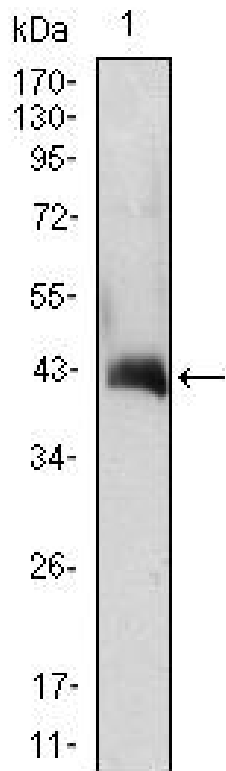
matters needing attention

Avoid repeated freezing and thawing!

Usage suggestions

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images



Western Blot analysis using GM-CSF Monoclonal Antibody against CSF2-hlgGFc transfected HEK293 cell lysate.