

CSF2

Mouse Anti-Human GM-CSF (Clone B-S37) mAb, Azide Free

Catalog No.	CDM330	Quantity:	200 µg
Alternate Names:	Granulocyte-macrophage colony-stimulating factor, CSF2, Molgramostin, Sargramostim		
Description:	The biological effects of GM-CSF are mediated through binding to cell surface receptors, which appear to be widely expressed by hematopoietic cells and also by some non-hematopoietic cells, such as endothelial cells. At least two different functional classes of GM-CSF receptor have been identified. The neutrophil GM-CSF receptor exclusively binds GM-CSF, while interleukin-3 competes for binding of GM-CSF to a second class of receptors detected on some leukemic cell lines. Monitoring of GM-CSF has been found relevant in human prostate cancer, severe mucositis, AIDS, bone marrow transplantation, renal cell carcinoma and prostate cancer, acute lymphoblastic leukemia, pulmonary inflammation, hematological malignancies, infection, lung cancer, Crohn's disease.		
Uniprot ID:	P04141		
Gene ID:	1437		
Concentration:	1.0 mg/ml		
Specificity:	Recognizes recombinant and native human GM-CSF		
Hybridoma:	Myeloma X63/AG.8653 x BALB/c lymph node cells		
Immunogen:	Recombinant human GM-CSF		
Isotype:	Mouse IgG1 kappa		
Clone:	B-S37		
Formulation:	Sterile-filtered PBS, carrier and preservative free.		
Purification:	Ion exchange chromatography		
Applications:	ELISA		
Storage & Stability:	Stable at 2-8°C for 1 year. For longer storage, freeze in aliquots at -20°C to -80°C. Avoid repeated freeze-thaw cycles.		

NOT FOR HUMAN USE. FOR RESEARCH ONLY. NOT FOR DIAGNOSTIC OR THERAPEUTIC USE.

