

CSF2

Mouse Anti-Human GM-CSF/CSF2 Clone J1B10 mAb

Catalog No.	CMG104	Quantity:	0.5 mg
Alternate Names:	GMCSF, granulocyte-macrophage colony-stimulating factor, CSF, molgramostin, sargramostim, colony-stimulating factor, granulocyte-macrophage colony stimulating factor		
Description:	Mouse Monoclonal Antibody against Human GM-CSF/CSF2, Clone J1B10. GM-CSF 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 antibody was produced <i>in vitro</i> using serum free medium.		
Gene ID:	1437		
Specificity:	Binds and neutralizes both natural and recombinant human GM-CSF <i>in vitro</i> .		
Sterility:	Membrane filtered (0.2 µm).		
Quantitation:	Antibody concentration was determined by absorbance, taking A280=1.4 for a 1 mg/ml solution.		
Isotype:	IgG1		
Clone:	J1B10		
Formulation:	Lyophilized from a solution of 0.5 ml PBS + 125 mM trehalose.		
Purification:	Ion exchange chromatography.		
Reconstitution:	Dissolve the contents of the vial by injection of 0.5 ml sterile distilled water.		
Activity:	25 µg monoclonal antibody neutralizes the bioactivity of 50 units recombinant human GM-CSF.		
Applications:	Coating antibody in ELISA and ELISPOT immunoassays <i>In vitro</i> neutralization		
Storage & Stability:	Lyophilized product is stable for at least one year at 4°C (expiration date is indicated on the vial). After reconstitution, the contents can be safely stored at 4°C for one month or for one year at -20°C. Add 0.02% sodium azide to prevent bacterial growth. Precaution: Sodium azide is a poisonous and hazardous substance which should be handled by trained staff only.		

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

