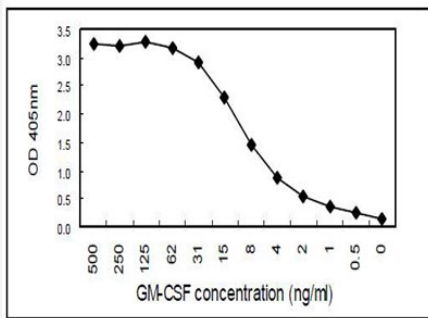


CSF2 monoclonal antibody, clone KT37

Catalog # MAB9732 Size 100 ug

Applications



Sandwich ELISA

Sandwich ELISA using CSF2 monoclonal antibody, clone KT37 (Cat # MAB9732) and KT35/HRP pairs.

Specification

Product Description	Rat monoclonal antibody raised against recombinant CSF2.
Immunogen	Recombinant protein corresponding to human CSF2.
Host	Rat
Reactivity	Human
Form	Liquid
Purification	Protein G purification
Concentration	1 mg/mL
Isotype	IgG2a
Recommend Usage	Sandwich ELISA (5 ug/mL) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS (0.09% sodium azide)
Storage Instruction	Store at 4°C for 1 month. For long term storage store at -20°C. Aliquot to avoid repeated freezing and thawing.

Note

This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Sandwich ELISA

Sandwich ELISA using CSF2 monoclonal antibody, clone KT37 (Cat # MAB9732) and KT35/HRP pairs.

Gene Info — CSF2

Entrez GeneID [1437](#)

Gene Name CSF2

Gene Alias GMCSF, MGC131935, MGC138897

Gene Description colony stimulating factor 2 (granulocyte-macrophage)

Omim ID [138960](#)

Gene Ontology [Hyperlink](#)

Gene Summary 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 5q 31, 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]

Other Designations colony stimulating factor 2|granulocyte-macrophage colony stimulating factor|molgramostin|sargramostim

Pathway

- [Cytokine-cytokine receptor interaction](#)
- [Fc epsilon RI signaling pathway](#)
- [Hematopoietic cell lineage](#)
- [Jak-STAT signaling pathway](#)
- [Natural killer cell mediated cytotoxicity](#)

- [T cell receptor signaling pathway](#)

Disease

- [Alzheimer disease](#)
- [Asthma](#)
- [Atherosclerosis](#)
- [Blindness](#)
- [Brain Ischemia](#)
- [Bronchial Hyperreactivity](#)
- [Bronchiolitis](#)
- [Carcinoma](#)
- [Cardiovascular Diseases](#)
- [Chlamydia Infections](#)
- [Chorioamnionitis](#)
- [Coronary Artery Disease](#)
- [Coronary Disease](#)
- [Dermatitis](#)
- [Diabetes Complications](#)
- [Diabetes Mellitus](#)
- [Edema](#)
- [Erythema Nodosum](#)
- [Esophagitis](#)
- [Fetal Membranes](#)
- [Genetic Predisposition to Disease](#)
- [Hypersensitivity](#)
- [Hypertension](#)

- [Infant](#)
- [Inflammation](#)
- [Kidney Failure](#)
- [Leukemia](#)
- [Lung Neoplasms](#)
- [Metabolic Syndrome X](#)
- [Migraine Disorders](#)
- [Neoplasms](#)
- [Neovascularization](#)
- [Obesity](#)
- [Obstetric Labor](#)
- [Osteoporosis](#)
- [Pain](#)
- [Pre-Eclampsia](#)
- [Pregnancy Complications](#)
- [Premature Birth](#)
- [Pulmonary Disease](#)
- [Radiation Injuries](#)
- [Radiation Pneumonitis](#)
- [Recurrence](#)
- [Respiratory Syncytial Virus Infections](#)
- [Rhinitis](#)
- [Sarcoidosis](#)
- [Stroke](#)
- [Thyroid Neoplasms](#)
- [Trachoma](#)

- [Urinary Bladder Neoplasms](#)
- [Werner syndrome](#)