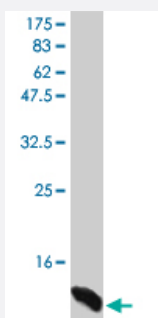


CSF2 monoclonal antibody (M09), clone 3B4

Catalog # H00001437-M09

Size 100 ug

Applications



Western Blot detection against Immunogen (14 KDa) .

Specification

Product Description	Mouse monoclonal antibody raised against a partial recombinant CSF2.
Immunogen	CSF2 (NP_000749, 17 a.a. ~ 144 a.a) partial recombinant protein.
Sequence	MAPARSPSPSTQPWEHVNAIQEARLLNLSRDTAAEMNETVEISEMFDLQEPTCLQTRLELYKQ GLRGSLTKLKGPLTMMASHYKQHCPPTPETSCATQITFESFKENLKDFLLVIPFDCWEPVQE
Host	Mouse
Reactivity	Human
Isotype	IgG2a Kappa
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (14 KDa) .
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Recombinant protein)

[Protocol Download](#)

- ELISA

Gene Info — CSF2

Entrez GeneID [1437](#)

GeneBank Accession# [N/A](#)

Protein Accession# [-](#)

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](#)