CSF2RA/B monoclonal antibody, clone mxsghk-GMCSF

Catalog # MAB1305 Size 200 ug

Specification

Product Description	Mouse monoclonal antibody raised against full length recombinant CSF2RA/B.
Immunogen	Recombinant protein corresponding to full length human CSF2RA/B.
Host	Mouse
Reactivity	Human
Form	Lyophilized
Isotype	IgG
Quality Control Testing	Antibody Reactive Against Recombinant Protein.
Recommend Usage	ELISA (1:10000) The optimal working dilution should be determined by the end user.
Storage Buffer	Lyophilized from PBS
Storage Instruction	Store at -20°C on dry atmosphere. After reconstitution with deionized water, store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Enzyme-linked Immunoabsorbent Assay

Gene Info — CSF2RA

Entrez GeneID	1438
Gene Name	CSF2RA

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Gene Alias	CD116, CDw116, CSF2R, CSF2RAX, CSF2RAY, CSF2RX, CSF2RY, GM-CSF-R-alpha, GMC SFR, GMR, MGC3848, MGC4838
Gene Description	colony stimulating factor 2 receptor, alpha, low-affinity (granulocyte-macrophage)
Omim ID	306250 425000
Gene Ontology	Hyperlink
Gene Summary	The protein encoded by this gene is the alpha subunit of the heterodimeric receptor for colony stimulating factor 2, a cytokine which controls the production, differentiation, and function of granulocytes and macrophages. The encoded protein is a member of the cytokine family of receptors. This gene is found in the pseudoautosomal region (PAR) of the X and Y chromosomes. Multiple transcript variants encoding different isoforms have been found for this gene, with some of the isoforms being membrane-bound and others being soluble. [provided by RefSeq
Other Designations	CD116 antigen|GM-CSF receptor alpha subunit|OTTHUMP00000014504|OTTHUMP00000014505|OTTHUMP00000014917|OTTHUMP00000014918|colony stimulating factor 2 receptor alpha chain|colony stimulating factor 2 receptor alpha subunit|granulocyte-macrophage colony-stimu

Gene Info — CSF2RB

Entrez GeneID	1439
Gene Name	CSF2RB
Gene Alias	CD131, CDw131, IL3RB, IL5RB
Gene Description	colony stimulating factor 2 receptor, beta, low-affinity (granulocyte-macrophage)
Omim ID	138981 265120
Gene Ontology	Hyperlink
Gene Summary	The protein encoded by this gene is the common beta chain of the high affinity receptor for IL-3, IL-5 and CSF. Defects in this gene have been reported to be associated with protein alveolar proteinosis (PAP). [provided by RefSeq
Other Designations	GM-CSF/IL-3/IL-5 receptor common beta-chain|colony stimulating factor 2 receptor, beta|colony-stimulating factor-2 receptor, beta, low-affinity|cytokine receptor common subunit beta|interleukin 3 receptor/granulocyte-macrophage colony stimulating factor 3

Pathway

- Apoptosis
- Cytokine-cytokine receptor interaction

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- Cytokine-cytokine receptor interaction
- Hematopoietic cell lineage
- Jak-STAT signaling pathway
- Jak-STAT signaling pathway
- Pathways in cancer

Disease

- Asthma
- Bipolar Disorder
- Bronchial Hyperreactivity
- Cardiovascular Diseases
- Diabetes Mellitus
- Edema
- Genetic Predisposition to Disease
- Genetic Predisposition to Disease
- Hypersensitivity
- Kidney Failure
- Rhinitis
- Schizophrenia
- Schizophrenia

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