

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.
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Immunogen	Recombinant protein corresponding to full length human CSF2RA/B.
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Host	Mouse
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Reactivity	Human
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Form	Lyophilized
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Isotype	IgG
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Quality Control Testing	Antibody Reactive Against Recombinant Protein.
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Recommend Usage	ELISA (1:10000) The optimal working dilution should be determined by the end user.
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Storage Buffer	Lyophilized from PBS
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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.
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Applications

- Enzyme-linked Immunoabsorbent Assay

Gene Info — CSF2RA

Entrez GeneID	1438
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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](#)

- [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](#)