CSF3R monoclonal antibody, clone S-1374

Catalog # MAB6264 Size 500 ug

Specification

Product Description	Mouse monoclonal antibody raised against recombinant CSF3R.
Immunogen	Recombinant MBP fusion protein corresponding to human CSF3R.
Host	Mouse
Reactivity	Human
Specificity	This antibody is reactive with GSF3R and does not cross-react with MBP or BSA.
Form	Lyophilized
Isotype	IgG2a, kappa
Recommend Usage	Western Blot (1-10 ug/mL) The optimal working dilution should be determined by the end user.
Storage Buffer	Lyophilized from 10 mM PBS, pH 7.2
Storage Instruction	Store at -20°C. Aliquot after reconstitution to avoid repeated freezing and thawing.

Applications

- Enzyme-linked Immunoabsorbent Assay
- Immunoprecipitation
- Western Blot

Gene Info — CSF3R

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Entrez GeneID	1441
Gene Name	CSF3R
Gene Alias	CD114, GCSFR
Gene Description	colony stimulating factor 3 receptor (granulocyte)
Omim ID	138971
Gene Ontology	Hyperlink
Gene Summary	The protein encoded by this gene is the receptor for colony stimulating factor 3, a cytokine that co ntrols the production, differentiation, and function of granulocytes. The encoded protein, which is a member of the family of cytokine receptors, may also function in some cell surface adhesion or re cognition processes. Four transcript variants encoding four different isoforms have been found for this gene, with three of the isoforms being membrane-bound and the other being secreted and sol uble. Mutations in this gene are a cause of Kostmann syndrome, also known as severe congenital neutropenia. [provided by RefSeq
Other Designations	CD114 antigen|OTTHUMP00000009703|OTTHUMP00000009704|OTTHUMP00000009705|col ony stimulating factor 3 receptor|granulocyte colony stimulating factor receptor

Pathway

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

Disease

- Acute Disease
- Anemia
- Asthma
- Bronchiolitis
- Cell Transformation
- Chronic Disease

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- Disease Progression
- Disease Susceptibility
- Genetic Predisposition to Disease
- Infant
- Kidney Failure
- Leukemia
- Myelodysplastic Syndromes
- Neutropenia
- Respiratory Syncytial Virus Infections

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