

CSF2 Antibody

Purified Mouse Monoclonal Antibody

Catalog # AO1376a

Product Information

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| Application | WB, E |
| Primary Accession | P04141 |
| Reactivity | Human |
| Host | Mouse |
| Clonality | Monoclonal |
| Clone Names | 3D3 |
| Isotype | IgG1 |
| Calculated MW | 16295 |
| Description | 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 5q31, 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. |
| Immunogen | Purified recombinant fragment of human CSF2 (aa18-144) expressed in E. Coli. |
| Formulation | Ascitic fluid containing 0.03% sodium azide. |

Additional Information

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| Gene ID | 1437 |
| Other Names | Granulocyte-macrophage colony-stimulating factor, GM-CSF, Colony-stimulating factor, CSF, Molgramostin, Sargramostim, CSF2, GMCSF |
| Dilution | WB~~1/500 - 1/2000 E~~N/A |
| Storage | Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles. |
| Precautions | CSF2 Antibody is for research use only and not for use in diagnostic or therapeutic procedures. |

Protein Information

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| Name | CSF2 |
| Synonyms | GMCSF |
| Function | Cytokine that stimulates the growth and differentiation of hematopoietic precursor cells from various lineages, including granulocytes, macrophages, eosinophils and erythrocytes. |
| Cellular Location | Secreted |

References

1. Eur Respir J. 2008 Jul;32(1):25-34. 2. Cell. 2008 Aug 8;134(3):496-507. 3. Mol Immunol. 2008 Nov;46(1):37-44.

Images

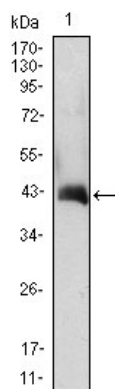


Figure 1: Western blot analysis using CSF2 mAb against CSF2(AA: 18-144)-hIgGfc transfected HEK293 cell lysate.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.