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# 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

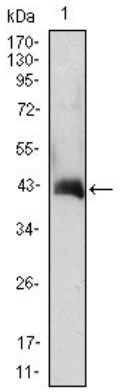



Figure 1: Western blot analysis using CSF2 mAb against CSF2(AA: 18-144)-hIgGFc transfected HEK293 cell lysate.

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