

# CSF2 Antibody

Purified Mouse Monoclonal Antibody

Catalog # AO1376a

## Product Information

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<b>Application</b>	WB, E
<b>Primary Accession</b>	<a href="#">P04141</a>
<b>Reactivity</b>	Human
<b>Host</b>	Mouse
<b>Clonality</b>	Monoclonal
<b>Clone Names</b>	3D3
<b>Isotype</b>	IgG1
<b>Calculated MW</b>	16295
<b>Description</b>	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.
<b>Immunogen</b>	Purified recombinant fragment of human CSF2 (aa18-144) expressed in E. Coli.
<b>Formulation</b>	Ascitic fluid containing 0.03% sodium azide.

## Additional Information

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<b>Gene ID</b>	1437
<b>Other Names</b>	Granulocyte-macrophage colony-stimulating factor, GM-CSF, Colony-stimulating factor, CSF, Molgramostin, Sargramostim, CSF2, GMCSF
<b>Dilution</b>	WB~~1/500 - 1/2000 E~~N/A
<b>Storage</b>	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.
<b>Precautions</b>	CSF2 Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

## Protein Information

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

## References

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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

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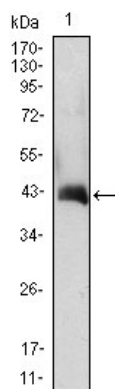


Figure 1: Western blot analysis using CSF2 mAb against CSF2(AA: 18-144)-hIgGfc transfected HEK293 cell lysate.

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