

## **GM-CSF (Granulocyte/Macrophage - Colony Stimulating Factor) Antibody - With BSA and Azide**

**Rat Monoclonal Antibody [Clone SPM469 ]  
Catalog # AH10418**

### **Specification**

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## **GM-CSF (Granulocyte/Macrophage - Colony Stimulating Factor) Antibody - With BSA and Azide - Product Information**

Application	,1,13,3,4,5,
Primary Accession	<a href="#">P04141</a>
Other Accession	<a href="#">1437</a> , <a href="#">1349</a>
Reactivity	Human, Rhesus, Cynomolgus
Host	Rat
Clonality	Monoclonal
Isotype	Rat / IgG2a, kappa
Calculated MW	22kDa KDa

## **GM-CSF (Granulocyte/Macrophage - Colony Stimulating Factor) Antibody - With BSA and Azide - Additional Information**

**Gene ID** 1437

### **Other Names**

Granulocyte-macrophage colony-stimulating factor, GM-CSF, Colony-stimulating factor, CSF, Molgramostin, Sargramostim, CSF2, GMCSF

### **Format**

200ug/ml of Ab purified from Bioreactor Concentrate by Protein A/G. Prepared in 10mM PBS with 0.05% BSA & 0.05% azide. Also available WITHOUT BSA & azide at 1.0mg/ml.

### **Storage**

Store at 2 to 8°C. Antibody is stable for 24 months.

### **Precautions**

GM-CSF (Granulocyte/Macrophage - Colony Stimulating Factor) Antibody - With BSA and Azide is for research use only and not for use in diagnostic or therapeutic procedures.

## **GM-CSF (Granulocyte/Macrophage - Colony Stimulating Factor) Antibody - With BSA and Azide - Protein Information**

**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

### **GM-CSF (Granulocyte/Macrophage - Colony Stimulating Factor) Antibody - With BSA and Azide - Protocols**

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

### **GM-CSF (Granulocyte/Macrophage - Colony Stimulating Factor) Antibody - With BSA and Azide - Images**

### **GM-CSF (Granulocyte/Macrophage - Colony Stimulating Factor) Antibody - With BSA and Azide - Background**

Granulocyte/macrophage - Colony-stimulating factor (GM-CSF) is a hematopoietic factor that is produced by activated T-cells, B-cells, mast cells, macrophages, fibroblasts, and endothelial cells. In addition to supporting colony formation of granulocyte/macrophage progenitors, GM-CSF is a growth factor for erythroid, megakaryocyte, and eosinophil progenitors.

### **GM-CSF (Granulocyte/Macrophage - Colony Stimulating Factor) Antibody - With BSA and Azide - References**

Abrams J, et al. 1992. Immunol. Rev. 127:5. | Abrams J, et al. 1994. Eosinophils in Allergy and Inflammation. Marcel Dekker New York. p.133. | Bacchetta R, et al. 1990. J. Immunol. 144:902. | Kita H, et al. 1991. J. Exp. Med. 174:745. | Andersson U, et al. 1999. Detection and quantification of gene expression. New York:Springer-Verlag. | Andersson J, et al. 1994. Immunology 83:16