

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

Rat Monoclonal Antibody [Clone SPM469] Catalog # AH10418

#### **Product Information**

**Application** WB, IF, FC, IP, IHC-F

Primary Accession P04141
Other Accession 1437, 1349

**Reactivity** Human, Rhesus, Cynomolgus

**Host** Rat

Clonality Monoclonal Rat / IgG2a, kappa

Clone Names SPM469 Calculated MW 16295

#### Additional Information

Gene ID 1437

Other Names Granulocyte-macrophage colony-stimulating factor, GM-CSF,

Colony-stimulating factor, CSF, Molgramostin, Sargramostim, CSF2, GMCSF

**Application Note** WB~~1:1000 IF~~1:50~200 FC~~1:10~50 IP~~N/A IHC-F~~N/A

**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.

#### **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.

Secreted

#### **Cellular Location**

## **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.

### 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

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