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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
Isotype	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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