

G-CSF Monoclonal Antibody (NYRhGCSF)

Product Specifications	
Catalog Number:	905-129
Host:	Mouse
Isotype:	IgG
Species Reactivity:	Human
Applications: <i>The optimal dilution for a specific application must be determined by the investigator</i>	ELISA: 1:10,000 WB: Yes IP: Yes
Predicted m.w:	~19 kDa
Concentration:	See product label
Purification:	Protein A Affinity
Format:	Lyophilized in PBS; reconstitute with sterile H ₂ O
Storage: <i>Shipping conditions may differ from the recommended storage temperature</i>	Store lyophilized at 4°C; store reconstituted at -20°C
Immunogen:	Recombinant human G-CSF
Related Products:	
908-063	GM-CSF Recombinant Protein
908-064	GM-CSF Recombinant Protein

Background:

Granulocyte colony-stimulating factor (G-CSF) is produced primarily by cells of monocyte/macrophage origin. It induces proliferation and differentiation of hematopoietic stem cells (HSCs), accelerates white blood cell repopulation following myelosuppression due to radiation and chemotherapy, and mobilizes HSCs from the bone marrow to the peripheral blood¹⁻².

References:

- Demetri, G.D. and Griffin, J.D. (1991) *Blood* **78**, 2791-2808.
- Anderlini, P., *et al.* (1996) *Blood* **88**, 2819-2825.