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**Antibody to Human Granulocyte Colony Stimulating Factor (GCSF)
MOUSE MONOCLONAL**

Catalog Number: AB-456
Quantity: 500 micrograms, 1 milligram
Format: Lyophilized
Host: Mouse
Isotype: IgG
Clone: NYRhGCSF
Immunogen: r.Human GCSF

Background:

GCSF (granulocyte colony stimulating factor) is a cytokine that controls the production, differentiation, and function of granulocytes. The active form of the protein is found in the extracellular matrix. Three transcript variants encoding three different isoforms of the protein have been found. GSCF plays an important role in hematopoiesis.

Specificity and Preparation:

This antibody recognizes human GCSF. It is purified by protein A chromatography.

Usage and Storage:

Reported to be effective for direct ELISA, western blot, and immunoprecipitation. Titer: by direct ELISA 1:10,000 dilution will yield 0.4 O.D. using alkaline phosphatase conjugated rabbit anti-mouse IgG (Jackson Laboratories).

Reconstitute with sterile H₂O. Gently spin down material before use; 5-10 seconds in a microfuge should be adequate. In lyophilized form, store at 4°C in a dry environment. After reconstitution, if not intended for use within a month, aliquot and store at -20°C. Antibody is stable for two years lyophilized, one month in solution at 4°C. Antibody is shipped lyophilized at ambient temperature.

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