

## Human Granulocyte Macrophage Colony Stimulating Factor Monoclonal Antibody

### ORDERING INFORMATION

**Catalog Nos.:** 50172-500 (500ug) and 50172-1000 (1000ug)

**Format:** Lyophilized at 1mg/ml in PBS.

### BACKGROUND

Granulocyte Macrophage Colony Stimulating Factor (GM-CSF) was identified as a cytokine that controls the production, differentiation, and function of granulocytes and macrophages. The active form of the protein is found extracellularly as a homodimer. GM-CSF stimulates the growth of hematopoietic precursors from various lineages including granulocytes, macrophages, eosinophils, and erythrocytes.

### SPECIFICATION SUMMARY

**Antigen:** Recombinant human GM-CSF.

**Host Species:** Mouse

**Antibody Class:** IgG

**Clone No.:** NYRhGMCSF

**Gene ID:** 1437

**Accession no.:** P04141

### APPLICATIONS

**ELISA:** use at 0.1-1ug/ml with GM-CSF on the solid phase. These are recommended concentrations. Endusers should determine optimal concentrations for their applications.

### RECONSTITUTION INSTRUCTIONS

Reconstitute with sterile H<sub>2</sub>O. Mix gently, wash the sides of the vial and wait 30-60 seconds before use.

### STORAGE AND STABILITY

Lyophilized product is stable at 4°C in a dry environment. After reconstitution, store at -20°C. Avoid multiple freeze-thaw cycles.

*For in vitro investigational use only. Not for use in therapeutic or diagnostic procedures.*