



ANOGEN - A Division of YES Biotech Laboratories Ltd.

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Mouse Anti-Human GM-CSF Monoclonal Antibody Datasheet

Product Name: mAb anti-human GM-CSF	Clone No.: 174
Catalogue No.: MO-C40090K	Quantity: 0.5 mg/vial
Description: Mouse monoclonal antibody to human granulocyte macrophage colony stimulating factor (GM-CSF)	Storage: Store at -20°C
Purification: Protein G affinity purified	Research Area: Hematopoiesis, infection
Product Type: Primary antibody	Background: GM-CSF is an extracellular homodimer polyprotein, functioning as a hematopoietic growth factor and immune modulator. It can be produced and act upon a variety of cell types, including T-lymphocytes, B-lymphocytes, monocytes/macrophages, endothelial cells, fibroblasts, stromal cells, mesothelial cells, keratinocytes, osteoblasts, uterine epithelial cells, synoviocytes, mast cells and various solid tumors. GM-CSF stimulates stem cells to produce granulocytes and monocytes to cope with infection. Recombinant GM-CSF has been applied to boost white blood cell in cancer patients after chemotherapy and may also be useful as an immune tonic for anemia and AIDS patients.
Target Protein: Human GM-CSF	Applications: ELISA
Immunogen: Purified recombinant human GM-CSF	References: If research is published using this product, please inform Anogen in order to cite the reference on this datasheet. Anogen will provide one unit of product in the same category as gratitude.
Fusion Myeloma: Sp2/0-Ag14	
Specificity: Reacts with natural and recombinant human GM-CSF	
Species Reactivity: Human, others not tested	
Cross-Reactivity: Does not show any cross reaction with other human cytokines or growth factors tested such as M-CSF, G-CSFR, IL-8, IL-16, IL-1β, TGF-β1 and TNF-α.	
Host / Isotype: Mouse, IgG1 Kappa	
Formulation: Lyophilized from a solution in 0.01M PBS, pH 7.2	
Reconstitution: Double distilled water is recommended to adjust the final concentration to 1.00mg/mL.	

This product is for LABORATORY RESEARCH USE and further manufacture ONLY, and cannot be administered to human and animals for use in diagnostic and therapeutic procedures.

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