



# ANOGEN - A Division of YES Biotech Laboratories Ltd.

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## Mouse Anti-Human M-CSF Monoclonal Antibody Datasheet

<b>Product Name:</b> mAb anti-human M-CSF	<b>Clone No.:</b> 21
<b>Catalogue No.:</b> MO-C40048D	<b>Quantity:</b> 0.5 mg/vial
<b>Description:</b> Mouse monoclonal antibody to human Macrophage Colony Stimulating Factor (M-CSF)	<b>Reconstitution:</b> Double distilled water is recommended to adjust the final concentration to 1.00mg/mL.
<b>Purification:</b> Protein G affinity purified	<b>Storage:</b> Store at -20°C
<b>Product Type:</b> Primary antibody	<b>Research Area:</b> Cytokine. Growth Factor
<b>Target Protein:</b> Human M-CSF	<b>Background</b> Macrophage/monocyte colony stimulating factor (M-CSF) is a hematopoietic factor for macrophages, monocytes and bone marrow progenitor cells and also promotes the phagocytic activity of these cells. MCSF stimulates bone remodeling through its receptors on osteoclasts. MCSF and its receptor are also implicated with the normal development and neoplastic growth of mammary gland. High level of MCSF is necessary for embryonic implantation and placental development.
<b>Immunogen:</b> Purified recombinant human M-CSF (rhM-CSF)	<b>Applications:</b> <b>ELISA:</b> React with M-CSF in ELISA
<b>Fusion Myeloma:</b> Sp2/0-Ag14	<b>References:</b> 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.
<b>Specificity:</b> This monoclonal antibody is specifically reactive to human M-CSF.	
<b>Species Reactivity:</b> Human, others not tested	
<b>Cross-Reactivity:</b> Does not cross react with BSA or other human cytokines tested such as IL-1 $\beta$ , IL-8, IL-16, EGF, G-CSFR, GM-CSF, MCP-1, MCP-3, TGF- $\beta$ and TNF- $\alpha$ .	
<b>Host / Isotype:</b> Mouse, IgG2a Kappa	
<b>Formulation:</b> Lyophilized from a solution in 0.01M PBS, pH 7.2	

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

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