



# Abazyme, LLC

## Mouse anti-Human Granulocyte Macrophage Colony Stimulating Factor (GM-CSF) Capture Monoclonal Antibody Datasheet

<b>Catalogue No</b>	MO-C40090C: C-GMCSF-1 (Capture Antibody)
<b>Product name</b>	Mouse anti-human GM-CSF capture monoclonal antibody
<b>Clones</b>	C-GMCSF-1
<b>Product type</b>	Matched antibody pair
<b>Description</b>	C-GMCSF-1 is a mouse monoclonal antibody to human granulocyte macrophage colony stimulating factor (GM-CSF), Protein G affinity purified.
<b>Target protein</b>	Human GM-CSF
<b>Immunogen</b>	Purified recombinant human granulocyte macrophage colony stimulating factor (GM-CSF)
<b>Specificity</b>	This monoclonal antibody reacts with natural and recombinant human GM-CSF
<b>Reactivity</b>	Human, others not tested
<b>Cross-Reactivity</b>	No cross-reaction with other human cytokines or growth factors such as M-CSF, G-CSFR, IL-8, IL-16, IL-1 $\beta$ , TGF- $\beta$ 1, and TNF- $\alpha$ .
<b>Clonality</b>	Monoclonal
<b>Source</b>	Mouse
<b>Subclass</b>	IgG1
<b>Light chain</b>	Kappa
<b>Formulation</b>	Liquid form or lyophilized
<b>Reconstitution</b>	Double distilled water is recommended and to adjust the final concentration to 1.00 mg/mL
<b>Applications</b>	<p>ELISA: Matched Antibody pairs for dual immunoassays offer time saving and added confidence.</p> <p>This pair has been selected for its ability to "sandwich" successfully</p> <ol style="list-style-type: none"><li>1. Coating Dose: 0.3 ug/well</li><li>2. Tracer Label: HRP or Biotin</li><li>3. Substrate: TMB</li></ol> <p>If the above suggested conditions are followed approximately 2 pg/mL of GM-CSF in serum/plasma or medium can be detected with an assay range of 0-500 pg/mL</p>
<b>Research</b>	Growth Factor
<b>Storage</b>	Store at -20° C

**This product is for LABORATORY RESEARCH USE and further manufacture only, and can not be administered to humans or animals. This is not for use in diagnostic and therapeutic procedures.**