



# Abazyme, LLC

## Mouse anti-Human GM-CSF Biotin-Conjugated Monoclonal Antibody Datasheet [Tracer]

<b>Catalogue No</b>	MO-C40090TB: 429B
<b>Product name</b>	Mouse anti-human GM-CSF biotin-conjugated monoclonal antibody (Tracer)
<b>Clone No</b>	429B
<b>Product type</b>	Matched antibody pair
<b>Description</b>	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 GM-CSF
<b>Specificity</b>	Reacts with natural and recombinant human GM-CSF
<b>Reactivity</b>	Human, others not tested
<b>Cross-reactivity</b>	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-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. Buffer: 0.01M PBS, pH 7.0 $\pm$ 0.1 in 1% gelatin and 0.1% NaN <sub>3</sub>
<b>Concentration</b>	Double distilled water is recommended and to adjust the final concentration to 1.00 mg/ml
<b>Applications</b>	ELISA: Matched Antibody pairs for dual immunoassays offer time saving and added confidence. This pair has been selected for its ability to "sandwich" successfully 1. Coating Dose: 0.3 ug/well 2. Substrate: TMB 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
<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.**