



# Abazyme, LLC

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

Catalogue No	MO-C40090T: T-GMCSF-2
Product name	Mouse anti-human GM-CSF HRP-conjugated monoclonal antibody (Tracer)
Clones	T-GMCSF-2
Product type	Matched antibody pair
Description	T-GMCSF-2 is a mouse monoclonal antibody to human granulocyte macrophage colony stimulating factor (GM-CSF), Protein G affinity purified and conjugated to HRP.
Target protein	Human GM-CSF
Immunogen	Purified recombinant human granulocyte macrophage colony stimulating factor (GM-CSF)
Specificity	This monoclonal antibody reacts with natural and recombinant human GM-CSF
Reactivity	Human, others not tested
Cross-Reactivity	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- $\alpha$ .
Clonality	Monoclonal
Source	Mouse
Subclass	IgG1
Light chain	Kappa
Formulation	Liquid. Buffer: 0.01M PBS, pH 7.0 $\pm$ 0.1 in 50% glycerol and 0.01% thimerosal as a bacteriostat
Applications	<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>
Research	Growth Factor
Storage	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.