



## **ANOGEN** - A Division of YES Biotech Laboratories Ltd.

2355 Derry Road East, Unit 23, Mississauga, ON L5S 1V6 • Tel: (905) 677-9221 • Fax: (905) 677-0023

### **Mouse anti-Human GM-CSF Monoclonal Antibody [429] Datasheet (Tracer: HRP-Conjugated)**

<b>Catalogue No</b>	MO-C40090T
<b>Product name</b>	HRP-Conjugated Mouse anti-Human GM-CSF Monoclonal Antibody (Tracer)
<b>Clones</b>	429
<b>Product type</b>	Matched Antibody Pair Tracer Antibody
<b>Description</b>	Mouse monoclonal antibody to Human Granulocyte Macrophage Colony Stimulating Factor (GM-CSF), Protein G affinity purified and conjugated with Horseradish Peroxidase (HRP).
<b>Target protein</b>	Human GM-CSF
<b>Immunogen</b>	Purified recombinant human 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. Buffer: 0.01M PBS, pH 7.0 $\pm$ 0.1 in 50% glycerol and 0.01% thimerosal as a bacteriostat
<b>Applications</b>	<b>ELISA:</b> This HRP-conjugated monoclonal antibody can be used as a tracer/detection antibody in sandwich ELISA applications for human GM-CSF detection in combination with a capture antibody (Cat. No.: MO-C40090B). Suggested Capture Coating Dose: $\sim$ 0.3 $\mu$ g/mL; 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>Storage</b>	Store at -20 $^{\circ}$ C
<b>Research</b>	Virology
<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 any product of choice as gratitude.

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

**Manufactured by YES Biotech Laboratories Limited.** Rev. (10/04)