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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: Biotin-Conjugated)

Catalogue No	MO-C40090TB
Product name	Biotin-Conjugated Mouse anti-Human GM-CSF Monoclonal Antibody (Tracer)
Clones	429
Product type	Matched Antibody Pair Tracer Antibody
Description	Mouse monoclonal antibody to Human Granulocyte Macrophage Colony Stimulating Factor (GM-CSF), Protein G affinity purified and conjugated with Biotin.
Target protein	Human GM-CSF
Immunogen	Purified recombinant human 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 β , TGF- β 1, and TNF- α .
Clonality	Monoclonal
Source	Mouse
Subclass	IgG1
Light chain	Kappa
Formulation	Liquid. Buffer: 0.01M PBS, pH 7.0 \pm 0.1 in 1% gelatin and 0.1% NaN ₃
Applications	ELISA: This Biotin-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: ~0.3 μ 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.
Storage	Store at -20 $^{\circ}$ C
Research	Virology
References	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)