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Mouse anti-Human GM-CSF Monoclonal Antibody [59] Datasheet

Catalogue No	MO-C40090B
Product name	Mouse anti-Human GM-CSF Monoclonal Antibody [59]
Clone No	59
Product type	Primary antibodies, Matched Antibody Pair Capture Antibody
Description	Mouse monoclonal antibody to Human Granulocyte Macrophage Colony Stimulating Factor (GM-CSF), Protein G affinity purified
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	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 β , TGF- β 1 and TNF- α
Clonality	Monoclonal
Source	Mouse
Myeloma	Sp2/0-Ag14
Subclass	IgG1
Light Chain	Kappa
Formulation	Lyophilized from a solution in 0.01M PBS, pH 7.2
Reconstitution	Double distilled water is recommended and to adjust the final concentration to 1.00 mg/ml
Applications	Western Blot, ELISA: This antibody can be used as a capture antibody in sandwich ELISA applications for human GM-CSF detection in combination with a monoclonal tracer/detection antibody (HRP-conjugated, Cat. No.: MO-C40090T, or Biotin Conjugated, Cat. No.: MO-C40090TB). Suggested Capture Coating Dose: 0.3 μ g/well; 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.
Research	Growth Factor
Storage	Store at -20° C
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 administrated to human and animals for use in diagnostic and therapeutic procedures.

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