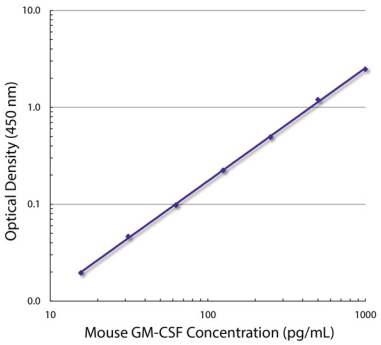
SouthernBiotech

Rat Anti-Mouse GM-CSF

Cat. No.	Format	Size
10236-01	Purified (UNLB)	0.5 mg
10236-08	Biotin (BIOT)	0.5 mg



Standard curve generated with Rat Anti-Mouse GM-CSF-UNLB (SB Cat. No. 10235-01; Clone MP1-22E9) and Rat Anti-Mouse GM-CSF-BIOT (SB Cat. No. 10236-08; Clone MP1-31G6) followed by Mouse Anti-BIOT-HRP (SB Cat. No. 6404-05)

Overview

Clone	MP1-31G6
Isotype	Rat $IgG_1\kappa$
Immunogen	Yeast-expressed mouse GM-CSF
Specificity	Mouse GM-CSF
Alternate Name(s)	Granulocyte/macrophage colony-stimulating factor, GM CSF, CSF-α, pluripoietin-α, eosinophil colony stimulating factor, Eo-CSF, burst promoting activity, BPA

Applications

ELISA-Detection – Quality tested [1-4]
IHC-FS – Reported in literature [5]
ICC – Reported in literature [1,5]
IP – Reported in literature [2]
Neut – Reported in literature [1,2]
Multiplex-Detection – Reported in literature [3]

Note – May be paired with the purified clone MP1-22E9 (SB Cat. No. 10235-01) in a sandwich ELISA

Working Dilutions

ELISA	BIOT conjugate	1:2,000 – 1:4,000
Other Applications	Since applications vary, you should determine the optimum working dilution for the product that is appropriate for your specific need.	

For Research Use Only. Not for Diagnostic or Therapeutic Use.

Corporate Offices: 160 Oxmoor Blvd • Birmingham, AL 35209 • USA **Mailing Address:** P.O. Box 26221 • Birmingham, AL 35260 • USA
Tel: 205.945.1774 • U.S. and Canada: 800.722.2255 • **Fax:** 205.945.8768
Email: info@southernbiotech.com • **Website:** www.southernbiotech.com

Handling and Storage

- The purified (UNLB) antibody is supplied as 0.5 mg purified immunoglobulin in 1.0 mL of borate buffered saline, pH 8.2. *No preservatives or amine-containing buffer salts added*. Store at 2-8°C.
- The biotin (BIOT) conjugate is supplied as 0.5 mg in 1.0 mL of PBS/NaN_3. Store at 2-8°C.
- Reagents are stable for the period shown on the label if stored as directed.

Warning

Some reagents contain sodium azide. Please refer to product specific SDS.

References

1. Sander B, Höidén I, Andersson U, Möller E, Abrams JS. Similar frequencies and kinetics of cytokine producing cells in murine peripheral blood and spleen. Cytokine detection by immunoassay and intracellular immunostaining. J Immunol Methods. 1993;166:201-14. (Immunogen, ELISA-Detection, ICC, Neut)
2. Abrams JS, Roncarolo M, Yssel H, Andersson U, Gleich GJ, Silver JE. Strategies of anti-cytokine monoclonal antibody development: immunoassay of IL-10 and IL-5 in clinical samples. Immunol Rev. 1992;127:5-24. (ELISA-Detection, IP, Neut)
3. Carson RT, Vignali DA. Simultaneous quantitation of 15 cytokines using a multiplexed flow cytometric assay. J Immunol Methods. 1999;227:41-52. (ELISA-Detection, Multiplex-Detection)
4. Abrams JS. Immunoenzymetric assay of mouse and human cytokines using NIP-labeled anti-cytokine antibodies. Curr Protoc Immunol. 2001;6.20:1-15. (ELISA-Detection)
5. Yokoyama H, Naito T, Wada T, Kelley VR. Application of genetically engineered tubular epithelial cells in kidney disease. Exp Nephrol. 1999;7:267-72. (IHC-FS, ICC)

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