

Product Information

Contents: Biotin anti-mouse GM-CSF
Catalog Number: 13-7332
Sizes: 50 ug, 500 ug
Formulation: Phosphate buffer pH 7.2,
150 mM NaCl, 0.09% NaN₃
Storage Conditions: Store at 4°C.
DO NOT FREEZE.
Clone: MP1-31G6
Isotype: Rat IgG1, κ

Available Formats of This Product

Cat. No.	Format	Excite (nm)	Emit (nm)	Reported Applications
13-7332	Biotin anti-mouse GM-CSF (Granulocyte/Macrophage-Colony Stimulating Factor, GMCSF)	N/A	N/A	ELISA det ELISPOT det

Description

The MP1-31G6 antibody reacts with mouse granulocyte/macrophage - colony stimulating factor (GM-CSF), a 14 kDa cytokine secreted by activated T cells and macrophages.

Usage

For research use only, not for diagnostic or therapeutic use. MP1-31G6 has been reported for use in detection of mouse GM-CSF by ELISA.

Applications Tested

The MP1-31G6 antibody has been tested as the detection antibody in a sandwich ELISA for analysis of mouse GM-CSF (Granulocyte/Macrophage-Colony Stimulating Factor, GMCSF) in combination with the purified MP1-22E9 (14-7331) antibody for capture and recombinant mouse GM-CSF (14-8331) as the standard. A suitable range of concentrations of this antibody for ELISA detection is 0.5-2 µg/ml. A standard curve consisting of doubling dilutions of the recombinant standard over the range of 1000 pg/ml - 8 pg/ml should be included in each ELISA plate.

Related Products

Cat. 00-0000 eBioscience 10X ELISA Coating Buffer
Cat. 44-2404 Nunc MaxiSorp™ flat-bottom 96 well plate
Cat. 18-4100 Avidin Horse Radish Peroxidase (AV-HRP)
Cat. 00-4202 eBioscience ELISA Diluent Solution, 5X
Cat. 00-4203 Super AquaBlue ELISA Substrate
Cat. 14-7331 Affinity Purified anti-mouse GM-CSF (Granulocyte/Macrophage-Colony Stimulating Factor, GMCSF) (clone MP1-22E9)
Cat. 14-8331 Recombinant Mouse GM-CSF (Granulocyte/Macrophage-Colony Stimulating Factor, GMCSF)

References

Sander, B., I. Hoiden, et al. (1993). "Similar frequencies and kinetics of cytokine producing cells in murine peripheral blood and spleen. Cytokine detection by immunoassay and intracellular immunostaining." *J Immunol Methods* 166(2): 201-14.
Abrams, J. S., M. G. Roncarolo, et al. (1992). "Strategies of anti-cytokine monoclonal antibody development: immunoassay of IL-10 and IL-5 in clinical samples." *Immunol Rev* 127: 5-24.

