

Product Information

Contents: Functional Grade Purified anti-mouse GM-CSF

Catalog Number: 16-7331

Sizes: 50 ug, 500 ug

Formulation: Phosphate buffer pH 7.2,
150 mM NaCl, No NaN₃

Storage Conditions: Store at 4°C.

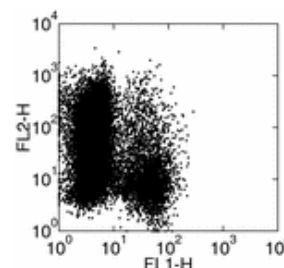
Avoid repeated freeze/thaw cycles.

KEEP CONTENT STERILE.

Endotoxin Level: Less than 0.001 ng/ug antibody, as
determined by the LAL assay.

Clone: MP1-22E9

Isotype: Rat IgG2a, κ



Mouse splenocytes were stimulated with ConA for 2 days, followed by IL-2 and IL-4 for 3 days, and restimulated with immobilized anti-CD3 and soluble anti-CD28 in the presence of Brefeldin A for 5 hours. The cells were surface stained with FITC anti-mouse CD4 (GK1.5) and intracellularly stained with PE anti-mouse GM-CSF (MP1-22E9).

Available Formats of This Product

Cat. No.	Format	Excite (nm)	Emit (nm)	Reported Applications
11-7331	FITC anti-mouse GM-CSF (Granulocyte/Macrophage-Colony Stimulating Factor, GMCSF)	488	518	IC
12-7331	PE anti-mouse GM-CSF (Granulocyte/Macrophage-Colony Stimulating Factor, GMCSF)	488	575	IC
14-7331	Affinity Purified anti-mouse GM-CSF (Granulocyte/Macrophage-Colony Stimulating Factor, GMCSF)	N/A	N/A	ELISA cap ELISPOT cap
16-7331	Functional Grade* Purified anti-mouse GM-CSF (Granulocyte/Macrophage-Colony Stimulating Factor, GMCSF)	N/A	N/A	BA

*Functional Grade™ (FG™): Azide-free, sterile-filtered, and endotoxin < 0.001 ng/μg.

Purified: Contains azide, not sterile-filtered, and not endotoxin tested.

Description

The MP1-22E9 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. MP1-22E9 has been reported for use in neutralizing GM-CSF binding and biological activity.

Applications Tested

The MP1-22E9 antibody has been tested by sandwich ELISA for detection of mouse GM-CSF in combination with MP1-31G6 and can be used between 1-4 μg/ml.