For Research Use Only

CoraLite® Plus 488 Anti-Human M-CSF Rabbit Recombinant Antibody

Catalog Number:CL488-98756-2

proteintech®
Antibodies | ELISA kits | Proteins
www.ptglab.com

Basic Information

Catalog Number:
CL488-98756-2

Concentration:
100tests, 5 ul/test

Source:
Rabbit

Isotype:
IgG

Immunogen Catalog Number:
HZ-1192

GenBank Accession Number:

GeneID (NCBI):
1435

UNIPROT ID:
P09603

Full Name:
colony stimulating factor 1 (macrophage)

Purification Method:
Protein A purification

CloneNo.:
252446E3

Recommended Dilutions:
FC (Intra): 5 ul per 10^6 cells in a 100 µl suspension

Excitation/Emission maxima wavelengths:
493 nm / 522 nm

Applications

Tested Applications:
FC (Intra)

Species Specificity:
human

Positive Controls:

FC (Intra) : MG-63 cells,

Background Information

M-CSF plays an essential role in the regulation of survival, proliferation and differentiation of hematopoietic precursor cells, especially mononuclear phagocytes. M-CSF promotes the release of proinflammatory chemokines, and thereby plays an important role in innate immunity and in inflammatory processes. It also plays an important role in the regulation of osteoclast proliferation and differentiation, the regulation of bone resorption, and is required for normal bone development. On the cellular level, M-CSF promotes reorganization of the actin cytoskeleton, regulates formation of membrane ruffles, cell adhesion and cell migration and plays a role in lipoprotein clearance. (PMID: 29734839; 29679908; 28202039)

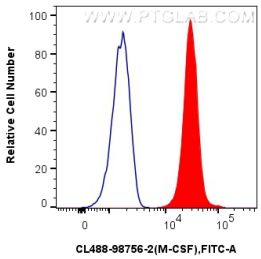
Storage

Storage:
Store at 2-8°C. Avoid exposure to light. Stable for one year after shipment.
Storage Buffer:
PBS with 0.09% sodium azide and 0.5% BSA, pH7.3

For technical support and original validation data for this product please contact:
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Selected Validation Data



1x10^6 MG-63 cells were intracellularly stained with 0.25 ug / 5 ul CoraLite® Plus 488 Anti-Human M-CSF Rabbit RecAb (CL488-98756-2, Clone: 252446E3) (red) or 0.25 ug CoraLite® Plus 488 Rabbit IgG Isotype Control Recombinant Antibody (CL488-98136, Clone: 240953C9) (blue). Cells were fixed and permeabilized with Intracellular Flow Cytometry Fixation & Permeabilization Buffer Kit (PF00019).