

For Research Use Only

Anti-Human M-CSF Rabbit Recombinant Antibody

Catalog Number: 98756-2-RR



Basic Information

Catalog Number:

98756-2-RR

Size:

100ug, 1000 µg/ml

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:

IHC: 1:500-1:2000

FC (Intra): 0.25 ug per 10⁶ cells in a
100 µl suspension

Applications

Tested Applications:

IHC, FC (Intra)

Species Specificity:

human

Positive Controls:

IHC : human tonsillitis tissue,

FC (Intra) : MG-63 cells,

**Note-IHC: suggested antigen retrieval with
TE buffer pH 9.0; (*) Alternatively, antigen
retrieval may be performed with citrate
buffer pH 6.0**

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. Stable for one year after shipment.

Storage Buffer:

PBS with 0.09% sodium azide, pH7.3

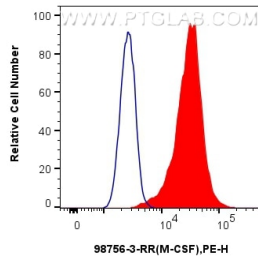
For technical support and original validation data for this product please contact:

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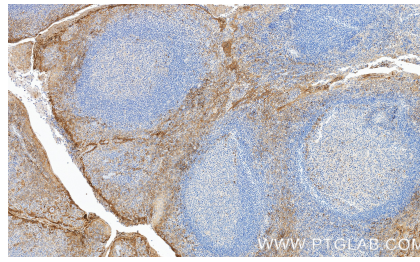
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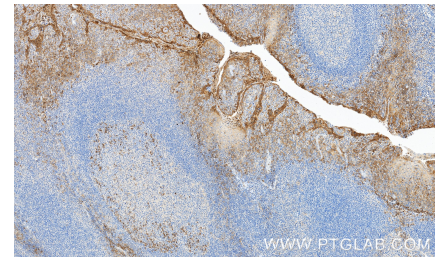
Selected Validation Data



1×10^6 MG-63 cells were intracellularly stained with 0.25 μ g Anti-Human M-CSF Rabbit RecAb (98756-2-RR, Clone: 252446E3) (red) or 0.25 μ g Rabbit IgG Isotype Control Recombinant Antibody (98136-1-RR, Clone: 240953C9) (blue), and PE-Conjugated Goat Anti-Rabbit IgG(H+L). Cells were fixed and permeabilized with Intracellular Flow Cytometry Fixation & Permeabilization Buffer Kit (PF00019).



Immunohistochemical analysis of paraffin-embedded human tonsillitis tissue slide using 98756-2-RR (M-CSF antibody) at dilution of 1:1000 (under 20x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



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