

For Research Use Only

Anti-Human M-CSF Rabbit Recombinant Antibody, PBS Only

Catalog Number: 98756-2-PBS



Basic Information

Catalog Number:

98756-2-PBS

Concentration:

1mg, 3 mg/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

Applications

Tested Applications:

IHC, FC (Intra)

Species Specificity:

human

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 -80°C.

The product is shipped with ice packs. Upon receipt, store it immediately at -80°C

Storage Buffer:

PBS only, pH7.3

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

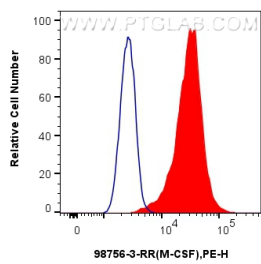
T: 4006900926

E: Proteintech-CN@ptglab.com

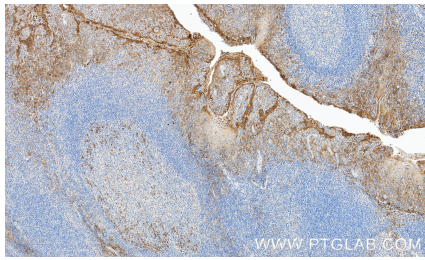
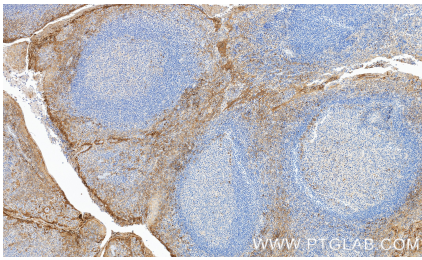
W: ptgcn.com

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Selected Validation Data



1x10⁶ MG-63 cells were intracellularly stained with 0.25 ug Anti-Human M-CSF Rabbit RecAb (98756-2-RR, Clone: 252446E3) (red) or 0.25 ug 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). This data was developed using the same antibody clone with 98756-2-PBS in



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). This data was developed using the same antibody clone with 98756-2-PBS in a different storage buffer formulation.

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). This data was developed using the same antibody clone with 98756-2-PBS in a different storage buffer formulation.