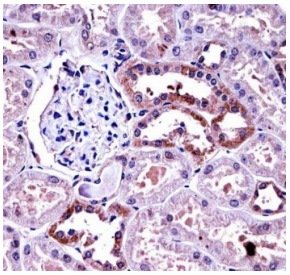
M-CSF Antibody / Macrophage Colony Stimulating Factor 1 / CSF1 (F54882)

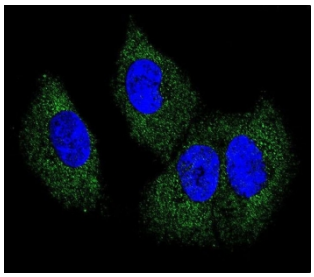
Catalog No.	Formulation	Size
F54882-0.4ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.4 ml
F54882-0.08ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.08 ml

Bulk quote request

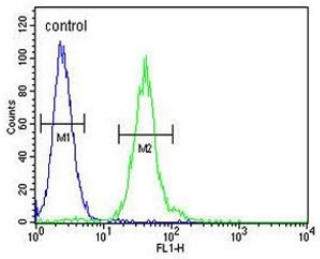
Availability	1-3 business days
Species Reactivity	Human
Format	Purified
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit Ig
Purity	Purified
UniProt	P09603
Localization	Cytoplasmic, membrane
Applications	Western Blot : 1:500-1:1000 Immunohistochemistry (FFPE) : 1:10-1:50 Immunofluorescence : 1:10-1:50 Flow Cytometry : 1:10-1:50 (1x10e6 cells)
Limitations	This M-CSF antibody is available for research use only.



IHC testing of FFPE human kidney tissue with M-CSF antibody. HIER: steam section in pH6 citrate buffer for 20 min and allow to cool prior to staining.



Immunofluorescent staining of human MDA-MB-231 cells with M-CSF antibody (green) and DAPI nuclear stain (blue).



Flow cytometry testing of human HEK293 cells with M-CSF antibody; Blue=isotype control, Green= M-CSF antibody.

Description

M-CSF is a cytokine that controls the production, differentiation, and function of macrophages. The active form of the protein is found extracellularly as a disulfide-linked homodimer, and is thought to be produced by proteolytic cleavage of membrane-bound precursors. This protein may be involved in development of the placenta.

Application Notes

The stated application concentrations are suggested starting points. Titration of the M-CSF antibody may be required due to differences in protocols and secondary/substrate sensitivity.

Immunogen

A portion of amino acids 230-257 from the human protein was used as the immunogen for the M-CSF antibody.

Storage

Aliquot the M-CSF antibody and store frozen at -20oC or colder. Avoid repeated freeze-thaw cycles.