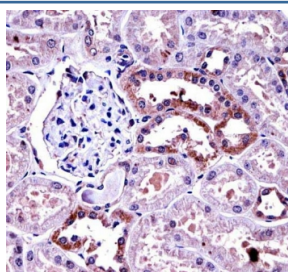


## M-CSF Antibody / Macrophage Colony Stimulating Factor 1 / CSF1 (F54882)

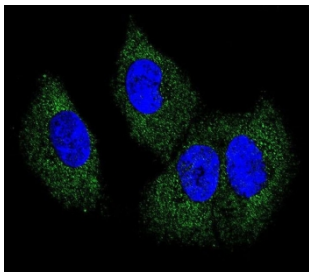
| Catalog No.   | Formulation                                | Size    |
|---------------|--------------------------------------------|---------|
| F54882-0.4ML  | In 1X PBS, pH 7.4, with 0.09% sodium azide | 0.4 ml  |
| F54882-0.08ML | In 1X PBS, pH 7.4, with 0.09% sodium azide | 0.08 ml |

**Bulk quote request**

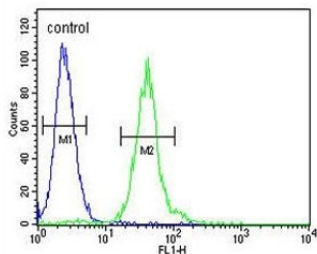
|                           |                                                                                                                                                                  |
|---------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Availability</b>       | 1-3 business days                                                                                                                                                |
| <b>Species Reactivity</b> | Human                                                                                                                                                            |
| <b>Format</b>             | Purified                                                                                                                                                         |
| <b>Clonality</b>          | Polyclonal (rabbit origin)                                                                                                                                       |
| <b>Isotype</b>            | Rabbit Ig                                                                                                                                                        |
| <b>Purity</b>             | Purified                                                                                                                                                         |
| <b>UniProt</b>            | P09603                                                                                                                                                           |
| <b>Localization</b>       | Cytoplasmic, membrane                                                                                                                                            |
| <b>Applications</b>       | Western Blot : 1:500-1:1000<br>Immunohistochemistry (FFPE) : 1:10-1:50<br>Immunofluorescence : 1:10-1:50<br>Flow Cytometry : 1:10-1:50 (1x10 <sup>6</sup> cells) |
| <b>Limitations</b>        | 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.