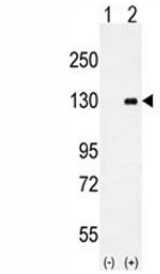
# CSF1R Antibody [clone 177CT7.1.1] (F53527)

| Catalog No. | Formulation | Size |
|---|---|---|
| F53527-0.1ML | In ascites with 0.09% sodium azide | 0.1 ml |

**Bulk quote request**

| | |
|---|---|
| **Availability** | 1-3 business days |
| **Species Reactivity** | Human |
| **Format** | Ascites |
| **Host** | Mouse |
| **Clonality** | Monoclonal (mouse origin) |
| **Isotype** | Mouse IgM, k |
| **Clone Name** | 177CT7.1.1 |
| **Purity** | Ascites |
| **UniProt** | P07333 |
| **Applications** | Western blot: 1:1000 |
| **Limitations** | This CSF1R antibody is available for research use only. |




Western blot analysis of CSF1R antibody and 293 cell lysate (2 ug/lane) either nontransfected (Lane 1) or transiently transfected (2) with the CSF1R gene.

## Description

The protein encoded by this gene is the receptor for colony stimulating factor 1, a cytokine which controls the production, differentiation, and function of macrophages. This receptor mediates most if not all of the biological effects of this cytokine. Ligand binding activates the receptor kinase through a process of oligomerization and transphosphorylation. The encoded protein is a tyrosine kinase transmembrane receptor and member of the CSF1/PDGF receptor family of tyrosine-protein kinases. Mutations in this gene have been associated with a predisposition to myeloid malignancy. The first intron of this gene contains a transcriptionally inactive ribosomal protein L7 processed pseudogene oriented in the opposite direction. [provided by RefSeq].

See our CSF1R Antibody for additional research into M-CSF receptor signaling, macrophage biology, and myeloid cell function.

## Application Notes

Titration of the CSF1R antibody may be required due to differences in protocols and secondary/substrate sensitivity.

## Immunogen

This CSF1R antibody was raised using purified His-tagged recombinant human CSF1R.

## Storage

Aliquot the CSF1R antibody and store frozen at -20oC or colder. Avoid repeated freeze-thaw cycles.


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