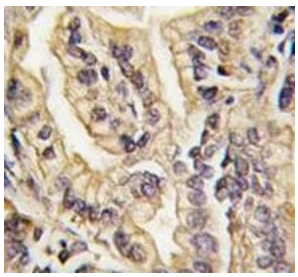
CSF1R Antibody (F50555)

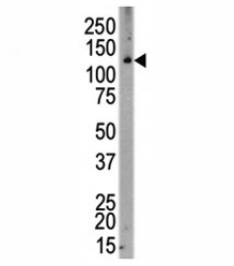
Catalog No.	Formulation	Size
F50555-0.4ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.4 ml
F50555-0.08ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.08 ml

Bulk quote request

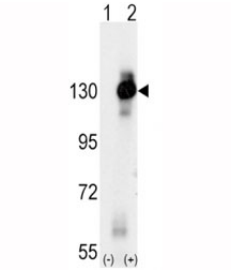
Availability	1-3 business days
Species Reactivity	Human
Format	Purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit Ig
Purity	Purified
UniProt	P07333
Applications	Western blot: 1:1000 Flow Cytometry: 1:10-1:50 IHC (Paraffin): 1:10-1:50
Limitations	This CSF1R antibody is available for research use only.



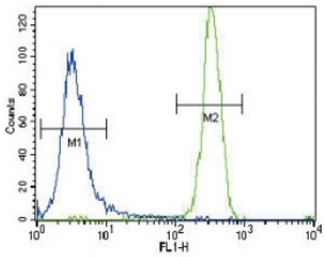
IHC analysis of FFPE human lung carcinoma tissue stained with CSF1R antibody



Western blot analysis of CSF1R antibody and human placenta. Predicted molecular weight: 106-116 kDa.



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



CSF1R antibody flow cytometric analysis of NCI-H460 cells (right histogram) compared to a negative control (left histogram). FITC-conjugated goat-anti-rabbit secondary Ab was used for the analysis.

Description

CSF1R 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. This protein is a tyrosine kinase transmembrane receptor and member of the CSF1/PDGF receptor family of tyrosine-protein kinases. Mutations in the gene encoding CSF1R have been associated with a predisposition to myeloid malignancy.

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

A portion of amino acids 940-971 from the human protein was used as the immunogen for this CSF1R antibody.

Storage

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

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