

# CSF1R Antibody

Affinity Purified Rabbit Polyclonal Antibody (Pab)  
Catalog # AP7604d

## Product Information

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<b>Application</b>	WB, IF, FC, E
<b>Primary Accession</b>	<a href="#">P07333</a>
<b>Reactivity</b>	Human
<b>Host</b>	Rabbit
<b>Clonality</b>	Polyclonal
<b>Isotype</b>	Rabbit IgG
<b>Clone Names</b>	RB22549

## Additional Information

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<b>Other Names</b>	Macrophage colony-stimulating factor 1 receptor, CSF-1 receptor, CSF-1-R, CSF-1R, M-CSF-R, Proto-oncogene c-Fms, CD115, CSF1R, FMS
<b>Target/Specificity</b>	This CSF1R antibody is generated from rabbits immunized with CSF1R recombinant protein.
<b>Dilution</b>	WB~~1:1000 IF~~1:10~50 FC~~1:10~50 E~~Use at an assay dependent concentration.
<b>Format</b>	Purified polyclonal antibody supplied in PBS with 0.05% (V/V) Proclin 300. This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.
<b>Storage</b>	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
<b>Precautions</b>	CSF1R Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

## Protein Information

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### Background

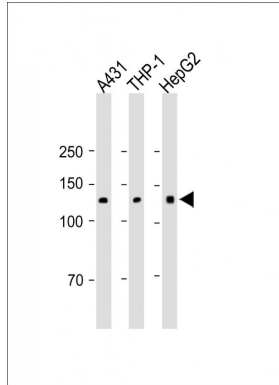
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CSF1R is the receptor for colony stimulating factor 1, a cytokine which controls the production, differentiation, and function of macrophages. This receptor mediates most if not all of the biological effects of this cytokine. Ligand binding activates the receptor kinase through a process of oligomerization and transphosphorylation. The encoded protein is a tyrosine kinase transmembrane receptor and member of the CSF1/PDGF receptor family of tyrosine-protein kinases.

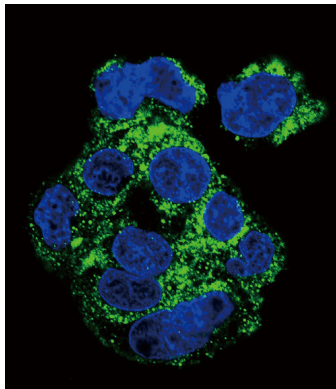
## References

Guey,L.T., et.al., Eur. Urol. 57 (2), 283-292 (2010)  
Wooten,E.C., et.al., PLoS ONE 5 (1), E8830 (2010)  
Hosgood,H.D. III, et.al., Respir Med 103 (12), 1866-1870 (2009)

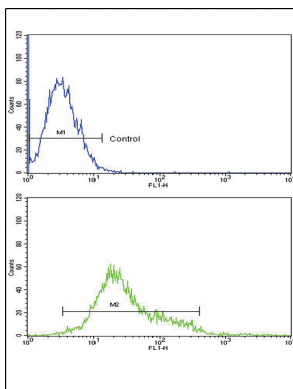
## Images



All lanes : Anti-CSF1R Antibody at 1:1000 dilution Lane 1: A431 whole cell lysate Lane 2: THP-1 whole cell lysate Lane 3: HepG2 whole cell lysate Lysates/proteins at 20  $\mu$ g per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated (ASP1615) at 1/15000 dilution. Observed band size : 120kDa Blocking/Dilution buffer: 5% NFDM/TBST.



Confocal immunofluorescent analysis of CSF1R Antibody(Cat#AP7604d) with HepG2 cell followed by Alexa Fluor 488-conjugated goat anti-rabbit IgG (green).DAPI was used to stain the cell nuclear (blue).



CSF1R Antibody (Cat. #AP7604d) flow cytometric analysis of k562 cells (bottom histogram) compared to a negative control cell (top histogram).FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.