

## Product Datasheet

### CSF1R Antibody (orb1926522)

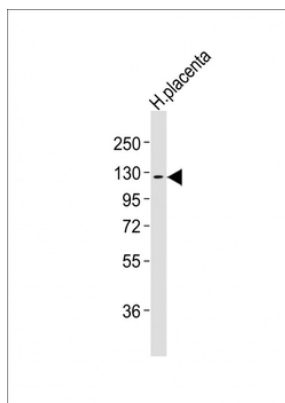
<b>Description</b>	Purified Mouse Monoclonal Antibody (Mab)
<b>Species/Host</b>	Mouse
<b>Reactivity</b>	Human
<b>Conjugation</b>	Unconjugated
<b>Tested Applications</b>	FC, IHC-P, WB
<b>Target</b>	This CSF1R antibody is generated from a mouse immunized with a recombinant protein.
<b>Form/Appearance</b>	Purified monoclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein G column, 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>Note</b>	For research use only
<b>Isotype</b>	IgG1,k
<b>Clonality</b>	Monoclonal
<b>Clone Number</b>	1486CT328.53.37
<b>MW</b>	107984 Da
<b>Uniprot ID</b>	<b>P07333</b>
<b>Dilution Range</b>	WB: 1:2000, WB: 1:4000, IHC-P: 1:25, IHC-P: 1:25, FC: 1:25
<b>Expiration Date</b>	12 months from date of receipt.

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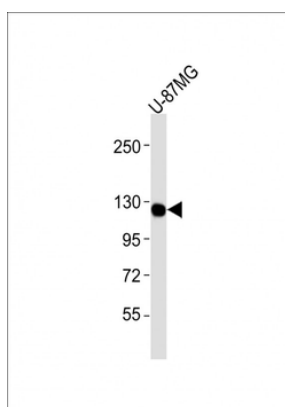
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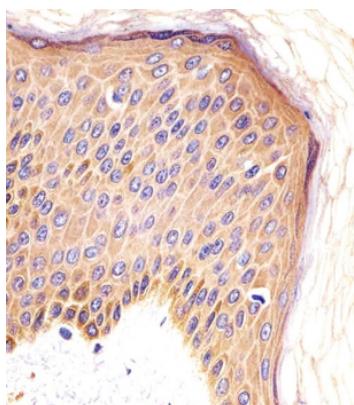
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Anti-CSF1R Antibody at 1:2000 dilution + human placenta lysates. Lysates/proteins at 20 µg per lane. Secondary Goat Anti-mouse IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size: 108 kDa. Blocking/Dilution buffer: 5% NFDM/TBST.



Anti-CSF1R Antibody at 1:4000 dilution + U-87MG whole cell lysates. Lysates/proteins at 20 µg per lane. Secondary Goat Anti-mouse IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size: 108 kDa. Blocking/Dilution buffer: 5% NFDM/TBST.



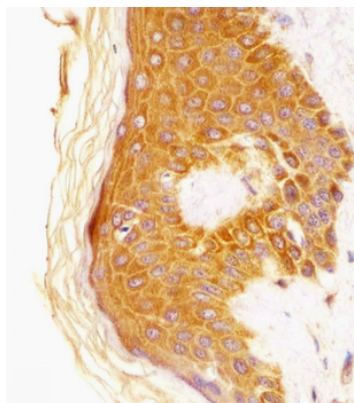
Staining CSF1R in human skin sections by Immunohistochemistry (IHC-P - paraformaldehyde-fixed, paraffin-embedded sections). Tissue was fixed with formaldehyde and blocked with 3% BSA for 0.5 hour at room temperature; antigen retrieval was by heat mediation with a citrate buffer (pH6). Samples were incubated with primary antibody (1/25) for 1 hours at 37°C. A undiluted biotinylated goat polyvalent antibody was used as the secondary antibody.

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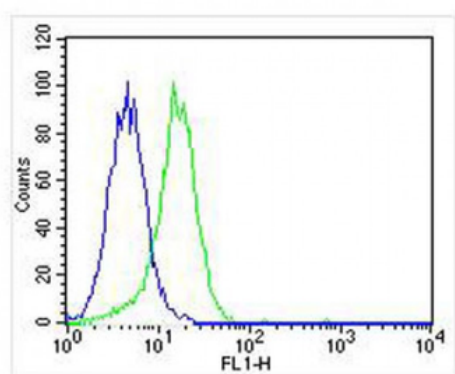
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Overlay histogram showing U-87MG cells stained (green line). The cells were fixed with 2% paraformaldehyde (10 min). The cells were then incubated in 2% bovine serum albumin to block non-specific protein-protein interactions followed by the antibody (1:25 dilution) for 60 min at 37°C. The secondary antibody used was Goat-Anti-mouse IgG, DyLight 488 Conjugated Highly Cross-Adsorbed at 1/400 dilution for 40 min at 37°C. Isotype control antibody (blue line) was rabbit IgG (1 µg/1x10<sup>6</sup> cells) used under the same conditions. Acquisition of > 10000 events was performed.

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