

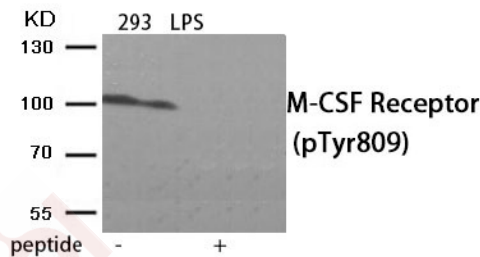
Anti-Phospho-CSF1R (Tyr809) Polyclonal Antibody

Product Details

Ig Type:	IgG
Reactivity:	Human
Conjugation:	Unconjugated
Molecular Weight:	Actual: 108 kDa.
Purification:	Antibodies were produced by immunizing rabbits with synthetic phosphopeptide and KLH conjugates. Antibodies were purified by affinity-chromatography using epitope-specific phosphopeptide. Non-phospho specific antibodies were removed by chromatography using non-phosphopeptide.

Applications

Verified Activity: 1. Western blot analysis of extracts from 293 cells treated with LPS using Phospho-M-CSF Receptor (Tyr809) antibody TMAC-02503. The lane on the right is treated with the antigen-specific peptide.



Application:	WB
Recommended	WB: 1:500-1000

Properties

Stability & Storage:	Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles.
Shipping:	Shipping with blue ice.

Antigen Details

Immunogen:	Peptide sequence around phosphorylation site of tyrosine 809 (S-N-Y(p)-I-V) derived from Human M-CSF Receptor
Antigen Species:	Human
Uniprot ID:	P07333
Synonyms:	p-CSF1R (Tyr809);CSF1R (p-Y809);CSF1R (p-Tyr809);p-CSF1R (Y809)

Research Background

Tyrosine-protein kinase that acts as cell-surface receptor for CSF1 and IL34 and plays an essential role in the regulation of survival, proliferation and differentiation of hematopoietic precursor cells, especially mononuclear phagocytes, such as macrophages and monocytes. Promotes the release of proinflammatory chemokines in response to IL34 and CSF1, and thereby plays an important role in innate immunity and in inflammatory processes.

A DRUG SCREENING EXPERT

Plays an important role in the regulation of osteoclast proliferation and differentiation, the regulation of bone resorption, and is required for normal bone and tooth development.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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