M-CSF Receptor (Phospho-Tyr809) Antibody

Catalog No: #11906

Package Size: #11906-1 50ul #11906-2 100ul

Orders: order@signalwayantibody.com
Support: tech@signalwayantibody.com

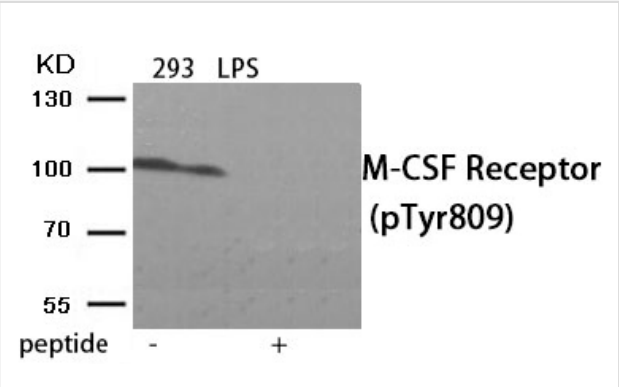
Description

Product Name	M-CSF Receptor (Phospho-Tyr809) Antibody
Host Species	Rabbit
Clonality	Polyclonal
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 chromatogramphy using non-phosphopeptide.
Applications	WB
Species Reactivity	Hu
Specificity	The antibody detects endogenous level of M-CSF Receptor only when phosphorylated at tyrosine 809.
Immunogen Type	Peptide-KLH
Immunogen Description	Peptide sequence around phosphorylation site of tyrosine 809 (S-N-Y(p)-I-V) derived from Human M-CSF Receptor.
Target Name	M-CSF Receptor
Modification	Phospho
Other Names	CSF1R; C-FMS; CD115; CSFR;
Accession No.	Swiss-Prot#: P07333; NCBI Gene#: 1436; NCBI Protein#: NP_001275634.1
SDS-PAGE MW	108kd
Concentration	1.0mg/ml
Formulation	Rabbit IgG in phosphate buffered saline (without Mg2+ and Ca2+), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Storage	Store at -20°C/1 year

Application Details

Western blotting: 1:500~1:1000

Images



Western blot analysis of extracts from 293 cells treated with LPS using Phospho-M-CSF Receptor (Tyr809) antibody #11906.The lane on the right is treated with the antigen-specific peptide.

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. 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.

Sampaio NG, et al. (2011) J Cell Sci 124, 2021-31
21610095 Curated Info
Xiong Y, et al. (2011) J Biol Chem 286, 952-60
21041311 Curated Info
Yu W, et al. (2008) J Leukoc Biol 84, 852-63