

Datasheet for ABIN7139076
anti-CSF1R antibody (pTyr809)



[Go to Product page](#)

1 Image

Overview

Quantity:	100 µL
Target:	CSF1R
Binding Specificity:	pTyr809
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CSF1R antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

Product Details

Immunogen:	Peptide sequence around phosphorylation site of tyrosine 809 (S-N-Y(p)-I-V) derived from Human M-CSF Receptor.
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
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

Target Details

Target:	CSF1R
Alternative Name:	CSF1R (CSF1R Products)

Target Details

Background:	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 Aliases: C FMS antibody, CD 115 antibody, CD115 antibody, CD115 antigen antibody, CFMS antibody, Colony stimulating factor 1 receptor antibody, Colony stimulating factor I receptor antibody, CSF 1 R antibody, CSF 1R antibody, CSF-1 receptor antibody, CSF-1-R antibody, CSF1 R antibody, CSF1R antibody, CSF1R_HUMAN antibody, CSFR antibody, EC 2.7.10.1 antibody, FIM 2 antibody, FIM2 antibody, FMS antibody, FMS proto oncogene antibody, FMS protooncogene antibody, HDLS antibody, M-CSF Receptor antibody, M-CSF-R antibody, Macrophage colony stimulating factor 1 receptor antibody, Macrophage colony stimulating factor I receptor antibody, Macrophage colony-stimulating factor 1 receptor antibody, McDonough feline sarcoma viral (v fms) oncogene homolog antibody, MCSFR antibody, Oncogen FMS antibody, Proto-oncogene c-Fms antibody, V-FMS McDonough feline sarcoma viral oncogen homolog, formerly antibody
-------------	---

UniProt:	P07333
Pathways:	RTK Signaling , Inositol Metabolic Process , Cell-Cell Junction Organization

Application Details

Application Notes:	WB:1:500-1:1000,
Restrictions:	For Research Use only

Handling

Format:	Liquid
---------	--------

Handling

Buffer:	Rabbit IgG in phosphate buffered saline (without Mg2+ and Ca2+), pH 7.4, 150 mM NaCl, 0.02 % sodium azide and 50 % glycerol.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C,-80 °C
Storage Comment:	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.

Images

Western Blotting

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

