

Rabbit M-CSF Receptor Polyclonal Antibody | anti-CSF1R antibody

Phospho-M-CSF Receptor (Tyr809) Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA321494	Rabbit	Human, Mouse, Rat	ELISA, Immunofluorescence, Western Blot

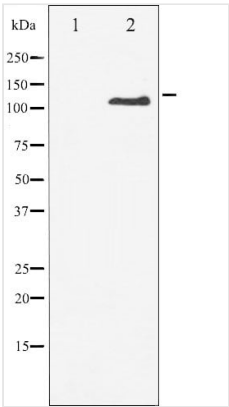
PRODUCT SYNONYMS

M-CSF Receptor; Polyclonal Antibody; Phospho-M-CSF Receptor (Tyr809) Antibody; C FMS; CD 115; CD115; CD115 antigen; CFMS; Colony stimulating factor 1 receptor; Colony stimulating factor I receptor; CSF 1 R; CSF 1R; CSF-1 receptor; CSF-1-R; CSF1 R; CSF1R; CSF1R_HUMAN; CSFR; EC 2.7.10.1; FIM 2; FIM2; FMS; FMS proto oncogene; FMS protooncogene; HDLS; M-CSF-R; Macrophage colony stimulating factor 1 receptor; Macrophage colony stimulating factor I receptor; Macrophage colony-stimulating factor 1 receptor; McDonough feline sarcoma viral (v fms) oncogene homolog; MCSFR; Oncogen FMS; Proto-oncogene c-Fms; V-FMS McDonough feline sarcoma viral oncogen homolog; formerly; anti-CSF1R antibody

PRODUCT SPECIFICATIONS

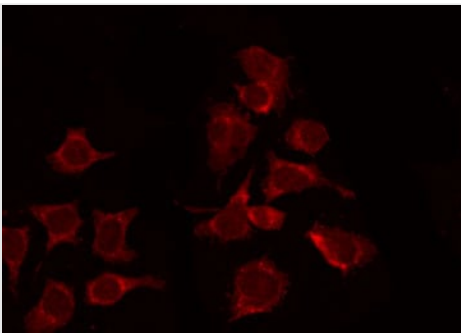
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Specificity	Phospho-M-CSF Receptor (Tyr809) antibody detects endogenous levels of M-CSF Receptor only when phosphorylated at Tyrosine 809
Purity/Purification	From purified rabbit serum by affinity purification via sequential chromatography on phospho-and non-phospho-peptide affinity columns.
Form/Format	Liquid Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	972
Applicable Applications for anti-CSF1R antibody	ELISA, IF (Immunofluorescence), WB (Western Blot)
Immunogen	A synthesized peptide derived from human M-CSF Receptor around the phosphorylation site of Tyrosine 809
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

IMAGES



WB (Western Blot)

Western blot analysis of M-CSF Receptor phosphorylation expression in LPS treated 293 whole cell lysates, The lane on the left is treated with the antigen-specific peptide.



IF (Immunofluorescence)

AAA321494 staining 293 by IF/ICC. The sample were fixed with PFA and permeabilized in 0.1% Triton X-100, then blocked in 10% serum for 45 minutes at 25 degree C. The primary antibody was diluted at 1/200 and incubated with the sample for 1 hour at 37 degree C. An Alexa Fluor 594 conjugated goat anti-rabbit IgG (H+L) Ab, diluted at 1/600, was used as the secondary antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-CSF1R antibody	Description: This protein tyrosine kinase transmembrane receptor 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.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	569026720
NCBI GeneID	1436
NCBI Accession #	NP_001275634.1
NCBI GenBank Nucleotide #	NM_001288705.2
UniProt Accession #	P07333; Q6LDW5; Q6LDY4; Q86VW7; B5A955; D3DQG2
Molecular Weight	108 kDa
NCBI Official Full Name	macrophage colony-stimulating factor 1 receptor
NCBI Official Synonym Full Names	colony stimulating factor 1 receptor
NCBI Official Symbol	CSF1R
NCBI Official Synonym Symbols	FMS; CSFR; FIM2; HDLS; C-FMS; CD115; CSF-1R; M-CSF-R
NCBI Protein Information	macrophage colony-stimulating factor 1 receptor
UniProt Protein Name	Macrophage colony-stimulating factor 1 receptor
UniProt Gene Name	CSF1R
UniProt Synonym Gene Names	FMS; CSF-1-R; CSF-1R; M-CSF-R

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.