

Rabbit anti-Human CSF1R Monoclonal Antibody | anti-CSF1R antibody

Anti-CSF1R antibody (DM107), Rabbit mAb

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA47432	Rabbit	Human	Flow Cytometry, Functional Assay, ELISA

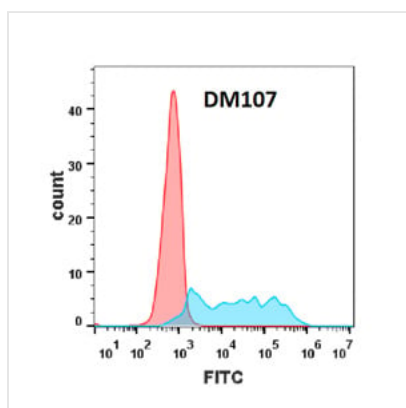
PRODUCT SYNONYMS

CSF1R; Monoclonal Antibody; Anti-CSF1R antibody (DM107); Rabbit mAb; C-FMS; CD115; CSFR; FIM2; FMS; M-CSFR; anti-CSF1R antibody

PRODUCT SPECIFICATIONS

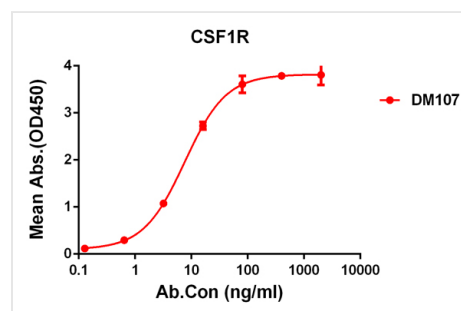
Host	Rabbit
Reactivity	Human
Clonality	Monoclonal
Isotype	Rabbit IgG
Clone Number	DM107
Purity/Purification	Purified from cell culture supernatant by affinity chromatography
Form/Format	Lyophilized from sterile PBS, pH7.4. Normally 5%-8% trehalose is added as protectants before lyophilization. 0.1% Procline 300
Applicable Applications for anti-CSF1R antibody	FCM/FACS (Flow Cytometry), ELISA
Immunogen	Recombinant human CSF1R (Ile20-Leu514) produced by using human HEK293 cells
Reconstitution	Reconstitute with deionized water
Preparation and Storage	Store at -20 degree C for 12 months (Avoid repeated freezing and thawing)

IMAGES



FCM/FACS (Flow Cytometry)

Figure 1. ELISA plate pre-coated by 2 ug/ml (100 ul/well) Human CSF1R protein, His tagged protein PME100067 can bind Rabbit anti-CSF1R monoclonal antibody (clone: DM107) in a linear range of 0.6-40 ng/ml.



ELISA

Figure 1. ELISA plate pre-coated by 2 ug/ml (100 ul/well) Human CSF1R protein, His tagged protein PME100067 can bind Rabbit anti-CSF1R monoclonal antibody (clone: DM107) in a linear range of 0.6-40 ng/ml.

ADDITIONAL INFORMATION

Related Product Information for anti-CSF1R antibody	The protein encoded by this gene 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. Ligand binding activates the receptor kinase through a process of oligomerization and transphosphorylation. The encoded protein is a tyrosine kinase transmembrane receptor and member of the CSF1/PDGF receptor family of tyrosine-protein kinases. Mutations in this gene have been associated with a predisposition to myeloid malignancy. The first intron of this gene contains a transcriptionally inactive ribosomal protein L7 processed pseudogene oriented in the opposite direction. Alternative splicing results in multiple transcript variants. Expression of a splice variant from an LTR promoter has been found in Hodgkin lymphoma (HL), HL cell lines and anaplastic large cell lymphoma.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	27262659
NCBI GeneID	1436
NCBI Accession #	NP_005202.2
NCBI GenBank Nucleotide #	NM_005211.3
UniProt Accession #	P07333; Q6LDW5; Q6LDY4; Q86VW7; D3DQG2
Molecular Weight	107,984 Da
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; CD115 antigen; CSF-1 receptor; FMS proto-oncogene; proto-oncogene c-Fms; macrophage colony stimulating factor I receptor; McDonough feline sarcoma viral (v-fms) oncogene homolog
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
UniProt Entry Name	CSF1R_HUMAN

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.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/csf1r-antibody-clone-dm107-flow-cytometry-elisa/47432>