

PRODUCT INFORMATION

Clone ID	DM107
Target	CSF1R
Synonyms	CSF1R;C-FMS;CD115;CSFR;FIM2;FMS;M-CSFR
Host Species	Rabbit
Description	PE-conjugated Anti-CSF1R antibody(DM107); Rabbit mAb
Delivery	3-4 weeks
Uniprot ID	P07333
IgG type	Rabbit IgG
Clonality	Monoclonal
Reactivity	Human
Applications	Flow Cyt
Recommended Dilutions	Flow Cyt 1:100
Purification	Purified from cell culture supernatant by affinity chromatography
Formulation & Reconstitution	Liquid□PBS with 0.05% Proclin300, 1% BSA
Storage & Shipping	Store at 2°C-8°C for 6 months
Background	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.
Usage	Research use only
Conjugate	PE-conjugated

