

Mouse Monoclonal Antibody to CSF1R

Catalogue Number	sAP-1114
Target Molecule	Name: CSF1R Aliases: FMS; CSFR; FIM2; HDLS; C-FMS; CD115; CSF-1R; M-CSF-R MW: 108kDa Entrez Gene ID: 1436
Description	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.;
Immunogen	Purified recombinant fragment of human CSF1R (AA: 20-152) expressed in E. Coli.
Reactive Species	Human;
Clone	MM4C9G2;
Size and Concentration	100µg/1mg/ml
Supplied as	Lyophilized Powder from 100µl of Purified antibody in PBS with 0.05% sodium azide
Reconstitution/Storages	Reconstituted with 100µl sterile DI H ₂ O, at stored at 4°C or -20°C for short or long term storage
Applications	ELISA: 1 to 10000; WB: 1 to 500 - 1 to 2000; IHC: ; ICC: ; FCM: 1 to 200 - 1 to 400
Shipping	Regular FEDEX overnight shipment (ambient temperature)
Reference	PLoS One. 2011;6(11):e27450. ; J Biochem. 2012 Jan;151(1):47-55.;

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**