OriGene Technologies, Inc.
9620 Medical Center Drive, Ste 200
Rockville, MD 20850, US
Phone: +1-888-267-4436
https://www.origene.com
techsupport@origene.com
EU: info-de@origene.com
CN: techsupport@origene.cn

Product datasheet for AM05871AF-N

Csf1r Rat Monoclonal Antibody [Clone ID: 604B5 2E11]

Product data:

Product Type:	Primary Antibodies
Clone Name:	604B5 2E11
Applications:	FC, FN
Recommended Dilution:	**Functional Assays.** **Flow Cytometry:** Use 10 µl of 1/25-1/50 diluted antibody to label 10e6 cells in 100 µl.
Reactivity:	Mouse, Rat
Host:	Rat
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	RAW 264 cells. Spleen cells from immunised Sprague Dawley rats were fused with cells of the P3-653 myeloma cell line.
Specificity:	This antibody recognizes the Murine CD115 cell surface antigen, also known as the M-CSF receptor and as c-fms. This antibody has been shown to inhibit*in vitro* colony formation in response to M-CSF in both rats and mice.
Formulation:	PBS, pH 7.4 State: Azide Free State: Liquid purified IgG fraction Stabilizer: None Preservative: None
Concentration:	lot specific
Purification:	Ion Exchange Chromatography
Conjugation:	Unconjugated
Storage:	Upon receipt, store undiluted (in aliquots) at -20°C. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Gene Name:	colony stimulating factor 1 receptor

View online »

Database Link: Entrez Gene 12978 Mouse
P09581

Background: 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. Ligand binding activates the receptor kinase through a process of oligomerization and transphosphorylation. The encoded protein is a member of the CSF1/PDGF receptor family of tyrosine protein kinases and contains 5 immunoglobulin like C2 type domains. CD115 is expressed by cells of the monocytic lineage and by progenitor cells. Mutations in this gene have been associated with a predisposition to myeloid malignancy.

Synonyms: CSF-1-R, Fms proto-oncogene, c-fms, CSF1R, FMS, Macrophage colony-stimulating factor 1 receptor