

Product datasheet for **AM05871RP-T**

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

Product data:

Product Type:	Primary Antibodies
Clone Name:	604B5 2E11
Applications:	FC
Recommended Dilution:	Flow Cytometry: Use 10 µl of neat antibody to label 10e6 cells in 100 µl.
Reactivity:	Mouse, Rat
Host:	Rat
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	RAW 264 cells.
Specificity:	This antibody recognises the 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 Label: PE State: Liquid purified IgG fraction Stabilizer: 1% BSA, 5% Sucrose Preservative: 0.09% Sodium Azide
Purification:	Ion Exchange Chromatography
Conjugation:	PE
Storage:	Store undiluted at 2-8°C. DO NOT FREEZE! This product is photosensitive and should be protected from light.
Stability:	Shelf life: one year from despatch.
Gene Name:	colony stimulating factor 1 receptor
Database Link:	Entrez Gene 12978 Mouse P09581



[View online »](#)

Background:

CD115, also known as c-fms, macrophage Colony Stimulating Factor Receptor (M-CSFR), or CSF-1R, exists in immature (gp130c-fms) and mature (gp150c-fms) forms. CSF-1R exhibits an intrinsic tyrosine-specific protein kinase activity. It is expressed on the cells of the mononuclear phagocyte lineage. CSF-1R is an integral transmembrane glycoprotein consisting of a 512 amino acid extracellular domain that includes the CSF-1 binding site, a single 25 amino acid membrane-spanning segment, and a 435 amino acid cytoplasmic portion that includes the tyrosine kinase domain.

CD115 is expressed by cells of the monocytic lineage and by progenitor cells.

Synonyms:

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