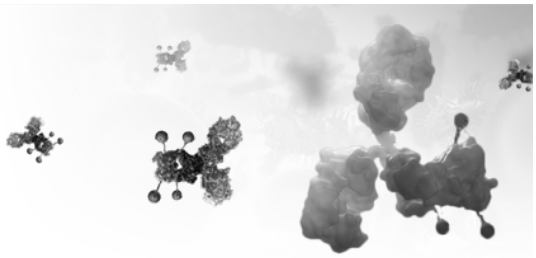

Anti-CSF1R monoclonal antibody, clone 604B5 2E11 [R-PE] (CABT-47004RM)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Product Overview	Rat anti Mouse CD115 antibody, clone 604B5 2E11 recognizes the murine CD115 cell surface antigen, also known as the M-CSF receptor and as c-fms. CD115 is expressed by cells of the monocytic lineage and by progenitor cells. Rat anti Mouse CD115 antibody, clone 604B5 2E11 has been shown to inhibit in vitro colony formation in response to M-CSF in both rats and mice. Flow Cytometry Use 10ul of the suggested working dilution to label 106 cells in 100ul. The Fc region of monoclonal antibodies may bind non-specifically to cells expressing low affinity fc receptors.
Specificity	CSF1R
Immunogen	RAW 264 cells
Isotype	IgG1
Source/Host	Rat
Species Reactivity	Mouse, Rat
Clone	604B5 2E11
Conjugate	PE
Applications	FC
Format	Purified IgG - lyophilised
Size	100 tests
Preservative	0.09% Sodium Azide
Storage	Prior to reconstitution store at +4°C. Following reconstitution store at +4°C. DO NOT FREEZE.

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	This product should be stored undiluted. This product is photosensitive and should be protected from light. Should this product contain a precipitate we recommend microcentrifugation before use.

GENE INFORMATION

Gene Name	Csf1r colony stimulating factor 1 receptor [Mus musculus (house mouse)]
Official Symbol	CSF1R
Synonyms	CSF1R; colony stimulating factor 1 receptor; Fms; CD115; Csfmr; Fim-2; CSF-1R; M-CSFR; M-CSF-R; AI323359; macrophage colony-stimulating factor 1 receptor; CSF-1 receptor; CSF-1-R; c-fms; proto-oncogene c-Fms; proto-oncogene fms;
Entrez Gene ID	12978
Protein Refseq	NP_001032948
UniProt ID	P09581
Chromosome Location	18 34.41 cM; 18 D
Pathway	Cytokine-cytokine receptor interaction; Endocytosis; Hematopoietic cell lineage; Osteoclast differentiation; PI3K-Akt signaling pathway; Pathways in cancer; Rap1 signaling pathway; Ras signaling pathway;
Function	ATP binding; cytokine binding; kinase activity; macrophage colony-stimulating factor receptor activity; nucleotide binding; protein binding; protein homodimerization activity; protein kinase activity; protein phosphatase binding; protein tyrosine kinase activity; transferase activity; transferase activity, transferring phosphorus-containing groups; transmembrane receptor protein tyrosine kinase activity;

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