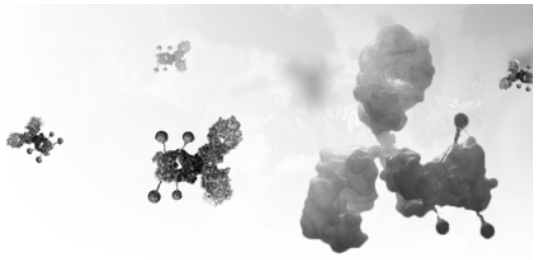

Anti-CSF1R monoclonal antibody, clone 72826 (DCABY-4010)

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

PRODUCT INFORMATION

Antigen Description	M-CSF receptor, the product of the c-fms proto-oncogene, is a member of the type III subfamily of receptor tyrosine kinases that also includes c-kit, the receptor for SCF, and the alpha and beta receptors for PDGF. M-CSF receptor is expressed primarily on cells of the monocyte/macrophage lineage and in various tissues of the developing placenta.
Specificity	Detects human M-CSF R in ELISAs. In ELISAs, this antibody does not cross-react with recombinant human (rh) M-CSF, rhGM-CSF, rhPDGFR alpha, rhPDGFR beta, or rmM-CSF.
Immunogen	Mouse myeloma cell line NS0-derived recombinant human M-CSF R. Ile20-Glu512 (Pro54Ala) Accession Number P07333.2
Isotype	IgG1
Source/Host	Mouse
Species Reactivity	Human
Clone	72826
Purification	Protein A or G purified from hybridoma culture supernatant
Conjugate	Unconjugated
Applications	ELISA Capture (Matched Pair)
Format	Liquid
Size	100 µg, 500 µg
Buffer	Lyophilized from a 0.2 µm filtered solution in PBS with Trehalose.

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Preservative	None
Storage	Use a manual defrost freezer and avoid repeated freeze-thaw cycles. 12 months from date of receipt, -20 to -70 °C as supplied. 1 month from date of receipt, 2 to 8 °C, reconstituted. 6 months from date of receipt, -20 to -70 °C, reconstituted.

GENE INFORMATION

Gene Name	CSF1R colony stimulating factor 1 receptor [Homo sapiens (human)]
Official Symbol	CSF1R
Synonyms	CSF1R; colony stimulating factor 1 receptor; FMS; CSFR; FIM2; HDLS; C-FMS; CD115; CSF-1R; M-CSF-R; macrophage colony-stimulating factor 1 receptor; CD115 antigen; CSF-1 receptor; FMS proto-oncogene; proto-oncogene c-Fms; macrophage colony stimulating fact
Entrez Gene ID	1436
Protein Refseq	NP_001275634
UniProt ID	A2VDG3
Chromosome Location	5q32
Pathway	C-MYB transcription factor network; Cytokine-cytokine receptor interaction; Endocytosis; Hematopoietic cell lineage; Integrins in angiogenesis; Osteoclast differentiation; PI3K-Akt signaling pathway; Pathways in cancer;
Function	ATP binding; cytokine binding; macrophage colony-stimulating factor receptor activity; protein homodimerization activity; protein phosphatase binding;

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