



Anti-CSF1R polyclonal antibody [Biotin] (DPABY-570)

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 and Western blots.
Immunogen	Mouse myeloma cell line NS0-derived recombinant human M-CSF R. Ile20-Glu512 Accession Number CAA27300
Isotype	IgG
Source/Host	Goat
Species Reactivity	Human
Purification	Antigen Affinity-purified
Conjugate	Biotin
Applications	Western Blot, Flow Cytometry, ELISA Detection (Matched Pair)
Format	Liquid
Size	50 µg
Buffer	Lyophilized from a 0.2 µm filtered solution in PBS with BSA as a carrier protein.
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, 2 to 8 °C under sterile conditions after reconstitution.
6 months, -20 to -70 °C under sterile conditions after reconstitution.

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;