

Anti-MCSF/CSF1 Antibody Biotin Conjugated

Catalog Number: PB9562-Biotin

About Csf1

M-CSF (or CSF-1) is a hematopoietic growth factor that is involved in the proliferation, differentiation, and survival of monocytes, macrophages, and bone marrow progenitor cells. M-CSF affects macrophages and monocytes in several ways, including stimulating increased phagocytic and chemotactic activity, and increased tumour cell cytotoxicity. The role of M-CSF is not only restricted to the monocyte/macrophage cell lineage. By interacting with its membrane receptor (CSF1R or M-CSF-R encoded by the *c-fms* proto-oncogene), M-CSF also modulates the proliferation of earlier hematopoietic progenitors and influence numerous physiological processes involved in immunology, metabolism, fertility and pregnancy.

Overview

Product Name	Anti-MCSF/CSF1 Antibody Biotin Conjugated
Reactive Species	Mouse, Rat
Clonality	Polyclonal
Formulation	Each vial contains 50% glycerol, 0.9% NaCl, 0.2% Na ₂ HPO ₄ , 0.02% NaN ₃ .
Storage Instructions	At -20°C for one year from date of receipt. Avoid repeated freezing and thawing.
Host	Rabbit
Uniprot ID	P07141

Technical Details

Immunogen	E. coli-derived mouse MCSF recombinant protein (Position: K33-E262). Mouse MCSF shares 80.9% and 88.6% amino acid (aa) sequence identity with human and rat MCSF, respectively.
Cross Reactivity	No cross-reactivity with other proteins
Isotype	Rabbit IgG
Form	Liquid
Concentration	0.5 mg/mL
Purification	Immunogen affinity purified.
Conjugate	Biotin
Suggested Dilutions	The intended application should be selected according to the customer's experimental requirements.

1 Publications Citing This Product

1. PubMed ID: 24907005, Pei Bx, Sun Bs, Zhang Zf, Wang Al, Ren P. J Thorac Cardiovasc Surg. 2014 Oct;148(4):1208-1216.E2. Doi: 10.1016/J.Jtcvs.2014.05.003. Epub 2014 May 9. Interstitial Tumor-Associated Macrophages Combined With Tumor-Derived Colony-Stimulating Factor-1 ...

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