

Anti-MCSF/CSF1 Antibody Cy3 Conjugated

Catalog Number: PB9562-Cy3

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 Cy3 Conjugated
Reactive Species	Mouse, Rat
Application	Recommended applications are based on the parent unconjugated antibody (ELISA, IHC). Customers may select suitable applications according to their experimental needs.
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. Protect from light.
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	Cy3 Excitation Wavelength: 554 nm Emission Wavelength: 568 nm
Suggested Dilutions	Optimal dilutions should be determined by end users.

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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