

Product datasheet for **BM4089P**

Csf1 Rat Monoclonal Antibody [Clone ID: ER-MP58]

Product data:

Product Type:	Primary Antibodies
Clone Name:	ER-MP58
Applications:	FC, IHC
Recommended Dilution:	Immunohistochemistry on frozen sections: The typical starting working dilution is 1:50. Flow cytometry: The typical starting working dilution is 1:50.
Reactivity:	Mouse
Host:	Rat
Isotype:	IgG2a
Clonality:	Monoclonal
Specificity:	The monoclonal antibody ER-MP58 recognizes an antigen present on all mouse macrophage colony-stimulating factor (M-CSF) responsive cells in the bone marrow, including the earliest colony-forming myeloid progenitors, as well as by the majority of other myeloid precursors. The antigen is detected on a broad development range of macrophage precursor cells up to the monocytic level, but also on granulocytes. ER expression is rapidly lost upon maturation beyond the monocytic stage. The antigen disappears in the course of macrophage differentiation. Furthermore the antigen is clearly different from commonly used myeloid markers as Mac-1, F4/80, and Gr-1. The monoclonal antibody ER-MP58 is very useful for the identification of mouse myeloid hemopoietic islands in various organs, and for embryonal studies. Cells committed to the myeloid lineage can be separated from progenitor cells with other differentiation capacities by means of multiparameter cell sorting using monoclonal antibody ER-MP58 in combination with monoclonal antibody ER-MP12 and ER-MP-20.
Formulation:	PBS State: Purified State: Liquid 0.2 µm filtered Ig fraction Stabilizer: 0.1% bovine serum albumin Preservative: 0.02% sodium azide
Concentration:	lot specific
Purification:	Protein G
Conjugation:	Unconjugated



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Storage:	Store at 2 - 8 °C.
Stability:	Shelf life: one year from despatch.
Gene Name:	colony stimulating factor 1 (macrophage)
Database Link:	Entrez Gene 12977 Mouse P07141
Synonyms:	CSF1, MCSF, Macrophage colony-stimulating factor 1, Macrophage Colony Stimulating Factor