Human M-CSF
Alexa Fluor® 488-conjugated Antibody

Monoclonal Mouse IgG_{2A} Clone # 26786

Catalog Number: IC2161G
100 µg

DESCRIPTION

Species Reactivity	Human
Specificity	Detects human M-CSF.
Source	Monoclonal Mouse IgG_{2A} Clone # 26786
Purification	Protein A or G purified from hybridoma culture supernatant
Immunogen	*E. coli*-derived recombinant human M-CSF
Conjugate	Alexa Fluor 488 Excitation Wavelength: 488 nm Emission Wavelength: 515-545 nm
Formulation	Supplied 0.2 mg/mL in a saline solution containing BSA and Sodium Azide. See Certificate of Analysis for details. *Contains <0.1% Sodium Azide, which is not hazardous at this concentration according to GHS classifications. Refer to the Safety Data Sheet (SDS) for additional information and handling instructions.

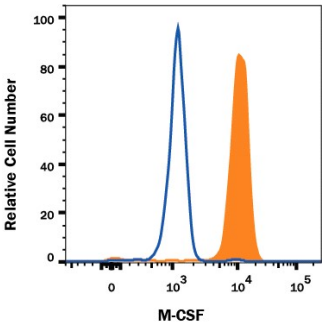
APPLICATIONS

Please Note: *Optimal dilutions should be determined by each laboratory for each application. General Protocols are available in the Technical Information section on our website.*

	Recommended Concentration	Sample
Intracellular Staining by Flow Cytometry	0.25-1 µg/10^6 cells	See Below

DATA

Intracellular Staining by Flow Cytometry



Detection of M-CSF in Human Macrophages by Flow Cytometry. Human macrophages treated with LPS and Recombinant Human TNF-alpha (Catalog # 210-TA) were stained with Mouse Anti-Human M-CSF Alexa Fluor® 488-conjugated Monoclonal Antibody (Catalog # IC2161G, filled histogram) or isotype control antibody (Catalog # IC003G, open histogram). To facilitate intracellular staining, cells were fixed with Flow Cytometry Fixation Buffer (Catalog # FC004) and permeabilized with Flow Cytometry Permeabilization/Wash Buffer (Catalog # FC005). View our protocol for Staining Intracellular Molecules.

PREPARATION AND STORAGE

Shipping	The product is shipped with polar packs. Upon receipt, store it immediately at the temperature recommended below.
Stability & Storage	**Protect from light. Do not freeze.** ● 12 months from date of receipt, 2 to 8 °C as supplied.

BACKGROUND

M-CSF, also known as CSF-1, is produced by a variety of cell types in either a membrane-anchored or secreted soluble form. It is a glycosylated, disulfide-linked homodimer that binds to the M-CSF receptor expressed by cells of the monocyte-macrophage lineage.

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