Human M-CSF
Alexa Fluor® 350-conjugated Antibody

Monoclonal Mouse IgG_{2A} Clone # 26786

Catalog Number: IC2161U

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 350 Excitation Wavelength: 346 nm Emission Wavelength: 442 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	Human peripheral blood-derived CD14+ monocytes treated with LPS and Recombinant Human M-CSF (Catalog # 216-MC), fixed with paraformaldehyde, and permeabilized with methanol and saponin.

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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