

#### DESCRIPTION

<b>Species Reactivity</b>	Human
<b>Specificity</b>	Detects human M-CSF.
<b>Source</b>	Monoclonal Mouse IgG <sub>2A</sub> Clone # 26786
<b>Purification</b>	Protein A or G purified from hybridoma culture supernatant
<b>Immunogen</b>	<i>E. coli</i> -derived recombinant human M-CSF
<b>Conjugate</b>	Alexa Fluor 405 Excitation Wavelength: 405 nm Emission Wavelength: 421 nm
<b>Formulation</b>	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 <sup>6</sup> 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

<b>Shipping</b>	The product is shipped with polar packs. Upon receipt, store it immediately at the temperature recommended below.
<b>Stability &amp; Storage</b>	<b>Protect from light. Do not freeze.</b> <ul style="list-style-type: none"> <li>12 months from date of receipt, 2 to 8 °C as supplied.</li> </ul>

#### 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.

#### PRODUCT SPECIFIC NOTICES

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