

DESCRIPTION

Species Reactivity	Human
Specificity	Detects recombinant human (rh)M-CSF in Western blots. In sandwich ELISAs, less than 7% cross-reactivity was observed with rmM-CSF. No significant cross-reactivity or interference was observed with over 75 other cytokines tested.
Source	Monoclonal Mouse IgG _{2A} Clone # 21113
Purification	Protein A or G purified from ascites
Immunogen	<i>E. coli</i> -derived recombinant human M-CSF
Endotoxin Level	<0.10 EU per 1 µg of the antibody by the LAL method.
Formulation	Lyophilized from a 0.2 µm filtered solution in PBS with Trehalose. See Certificate of Analysis for details. *Small pack size (-SP) is supplied as a 0.2 µm filtered solution in PBS.

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
Western Blot	1 µg/mL	Recombinant Human M-CSF (Catalog # 216-MC) under non-reducing conditions only
Human M-CSF Sandwich Immunoassay		Reagent
ELISA Capture	2-8 µg/mL	Human M-CSF Antibody (Catalog # MAB616)
ELISA Detection	0.1-0.4 µg/mL	Human M-CSF Biotinylated Antibody (Catalog # BAF216)
Standard		Recombinant Human M-CSF (Catalog # 216-MC)

PREPARATION AND STORAGE

Reconstitution	Reconstitute at 0.5 mg/mL in sterile PBS.
Shipping	The product is shipped at ambient temperature. Upon receipt, store it immediately at the temperature recommended below. *Small pack size (-SP) is shipped with polar packs. Upon receipt, store it immediately at -20 to -70 °C
Stability & Storage	<p>Use a manual defrost freezer and avoid repeated freeze-thaw cycles.</p> <ul style="list-style-type: none"> ● 12 months from date of receipt, -20 to -70 °C as supplied. ● 1 month, 2 to 8 °C under sterile conditions after reconstitution. ● 6 months, -20 to -70 °C under sterile conditions after reconstitution.