

# CSF2RA Monoclonal Antibody (698423)

Product Details	
Size	100 µg
Species Reactivity	Mouse
Host/Isotype	Rat / IgG2a
Class	Monoclonal
Type	Antibody
Clone	698423
Conjugate	Unconjugated
Immunogen	Mouse myeloma cell line NS0-derived recombinant mouse GM-CSF R alpha Leu30-Pro327
Form	Lyophilized
Concentration	0.5 mg/mL
Purification	Protein A/G
Storage buffer	PBS with 5% trehalose
Contains	No Preservative
Storage conditions	-20° C, Avoid Freeze/Thaw Cycles
RRID	AB_2608189

Applications	Tested Dilution	Publications
Immunocytochemistry (ICC/IF)	8-25 µg/mL	-
Flow Cytometry (Flow)	0.25 µg per million cells	-
Neutralization (Neu)	0.02-0.12 µg/mL	-

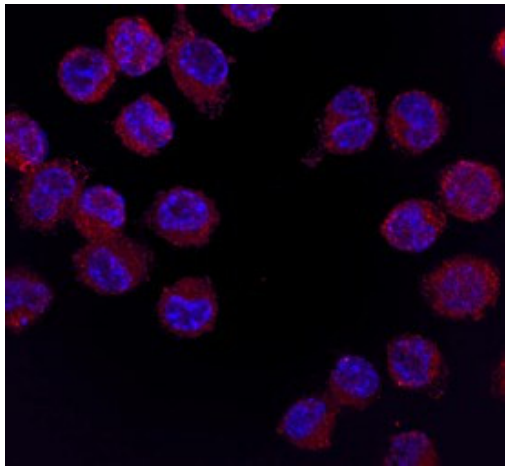
## Product Specific Information

In direct ELISAs, no cross-reactivity with recombinant human (rh) GM-CSF R alpha or rhGM-CSF R beta is observed.

Reconstitute in sterile PBS to a final concentration of 0.5 mg/mL.

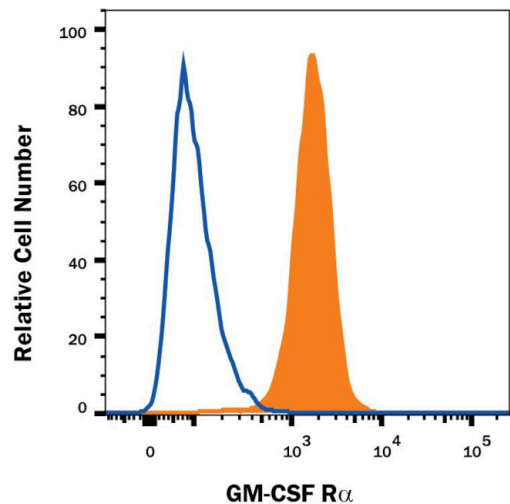
Endotoxin level is <0.10 EU per 1 µg of the antibody by the LAL method.

Product Images For CSF2RA Monoclonal Antibody (698423)



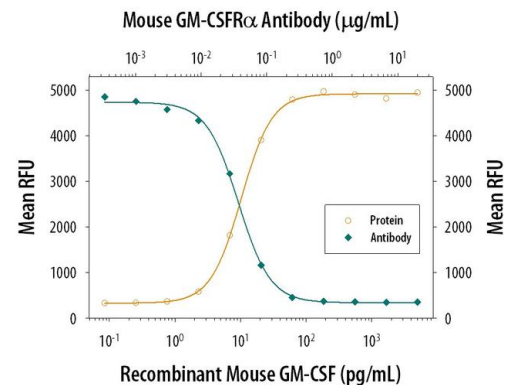
CSF2RA Antibody (MA5-23918) in ICC/IF

Immunocytochemistry analysis of CSF2RA in immersion fixed J774A.1 mouse reticulum cell sarcoma macrophage cell line. Samples were incubated in CSF2RA monoclonal antibody (Product # MA5-23918) using a dilution of 10 µg/mL for 3 hours at room temperature followed by NorthernLights™ 557-conjugated Anti-Rat IgG Secondary Antibody (red, upper panel) and counterstained with DAPI (blue, lower panel). Specific staining was localized to cell surfaces and cytoplasm.



CSF2RA Antibody (MA5-23918) in Flow

Flow cytometry of CSF2RA in J774A.1 mouse reticulum cell sarcoma macrophage cell line. Samples were incubated in CSF2RA monoclonal antibody (Product # MA5-23918) or isotype control antibody followed by Allophycocyanin-conjugated Anti-Rat IgG Secondary Antibody.



CSF2RA Antibody (MA5-23918) in Neu

Neutralization of CSF2RA in DA3 mouse myeloma cell line. Samples were incubated in CSF2RA monoclonal antibody (Product # MA5-23918). Recombinant Mouse GM,CSF stimulates proliferation in the DA3 mouse myeloma cell line in a dose-dependent manner (orange line). Proliferation elicited by Recombinant Mouse GM,CSF (0.1 ng/mL) is neutralized (green line) by increasing concentrations of Rat Anti-Mouse GM,CSF R Monoclonal Antibody. The ND50 is typically 0.02-0.12 µg/mL.

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