

CD115 (c-fms) Monoclonal Antibody (AFS98), APC, eBioscience™

Product Details	
Size	100 µg
Species Reactivity	Mouse
Published Species	Fish, Mouse
Host/Isotype	Rat / IgG2a, kappa
Recommended Isotype Control	Rat IgG2a kappa Isotype Control (eBR2a), APC, eBioscience™
Class	Monoclonal
Type	Antibody
Clone	AFS98
Conjugate	APC
Form	Liquid
Concentration	0.2 mg/mL
Purification	Affinity chromatography
Storage buffer	PBS, pH 7.2, with 0.1% gelatin
Contains	0.09% sodium azide
Storage Conditions	4° C, store in dark, DO NOT FREEZE!
RRID	AB_1210789

Applications	Tested Dilution	Publications
Flow Cytometry (Flow)	0.06 µg/test	52 Publications

Product Specific Information

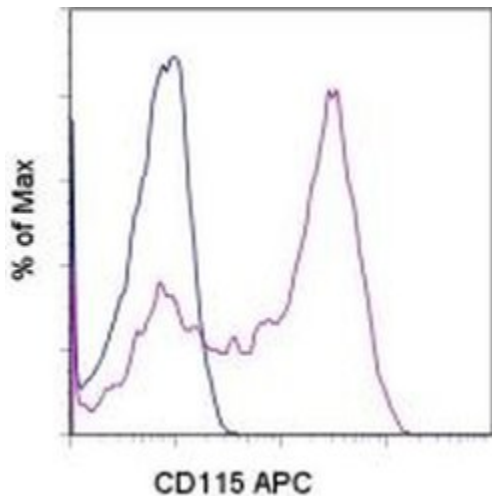
Description: The AFS98 monoclonal antibody reacts with the mouse CD115 molecule, a receptor for macrophage colony stimulating factor (M-CSF) or colony stimulating factor-1 (CSF-1). CD115 is expressed by monocyte, macrophage, osteoclast, and some epithelial cells. It is a 150 kDa c-fms gene product and belongs to immunoglobulin family. CSF-1 signaling through CSF-1R regulates the proliferation and differentiation of cells in the monocytic lineage.

Applications Reported: This AFS98 antibody has been reported for use in flow cytometric analysis.

Applications Tested: This AFS98 antibody has been tested by flow cytometric analysis of mouse thioglycolate-elicited peritoneal exudate cells. This can be used at less than or equal to 0.06 µg per test. A test is defined as the amount (µg) of antibody that will stain a cell sample in a final volume of 100 µL. Cell number should be determined empirically but can range from 10⁵ to 10⁸ cells /test. It is recommended that the antibody be carefully titrated for optimal performance in the assay of interest.

Excitation: 633-647 nm; **Emission:** 660 nm; **Laser:** Red Laser.

Filtration: 0.2 µm post-manufacturing filtered.



CD115 (c-fms) Antibody (17-1152-82) in Flow

Staining of thioglycolate-induced peritoneal exudate cells (PECs) with 0.03 µg of Rat IgG2a kappa Isotype Control APC (Product # 17-4321-81) (blue histogram) or 0.03 µg of Anti-Mouse CD115 (c-fms) APC (purple histogram). Total viable cells were used for analysis.

[View more figures on thermofisher.com](http://thermofisher.com)

52 References

Flow Cytometry (52)

Arteriosclerosis, thrombosis, and vascular biology

Protective role for Toll-like receptor-9 in the development of atherosclerosis in apolipoprotein E-deficient mice.

"17-1152 was used in Flow cytometry/Cell sorting to investigate whether TLR9 has a role in the development of atherosclerosis in apolipoprotein E-deficient mice."

Authors: Koulis C, Chen YC, Hausding C, Ahrens I, Kyaw TS, Tay C, Allen T, Jandeleit-Dahm K, Sweet MJ, Akira S, Bobik A, Peter K, Agrotis A

Species
Mouse

Dilution
Not Cited

Year
2014

The Journal of experimental medicine

Peripheral CD103+ dendritic cells form a unified subset developmentally related to CD8alpha+ conventional dendritic cells.

"17-1152 was used in Flow cytometry/Cell sorting to study the relationship between nonlymphoid CD103-expressing dendritic cells (DCs) and other DC subsets."

Authors: Edelson BT, KC W, Juang R, Kohyama M, Benoit LA, Klekotka PA, Moon C, Albring JC, Ise W, Michael DG, Bhattacharya D, Stappenbeck TS, Holtzman MJ, Sung SS, Murphy TL, Hildner K, Murphy KM

Species
Mouse

Dilution
Not Cited

Year
2010

[View more Flow references on thermofisher.com](http://thermofisher.com)

More applications with references on thermofisher.com

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