

# CD15 Monoclonal Antibody (MMA), APC, eBioscience™

Product Details	
Size	100 Tests
Species Reactivity	Human
Published Species	Human, Mouse
Host/Isotype	Mouse / IgM
Recommended Isotype Control	Mouse IgM Isotype Control (11E10), APC, eBioscience™
Class	Monoclonal
Type	Antibody
Clone	MMA
Conjugate	APC
Excitation/Emission Max	651/660 nm
Form	Liquid
Concentration	5 µL/Test
Purification	Affinity chromatography
Storage buffer	PBS, pH 7.2, with 0.2% BSA
Contains	0.09% sodium azide
Storage conditions	4° C, store in dark, DO NOT FREEZE!
RRID	AB_2573137

Applications	Tested Dilution	Publications
Flow Cytometry (Flow)	5 µL (0.125 µg)/test	9 Publications

## Product Specific Information

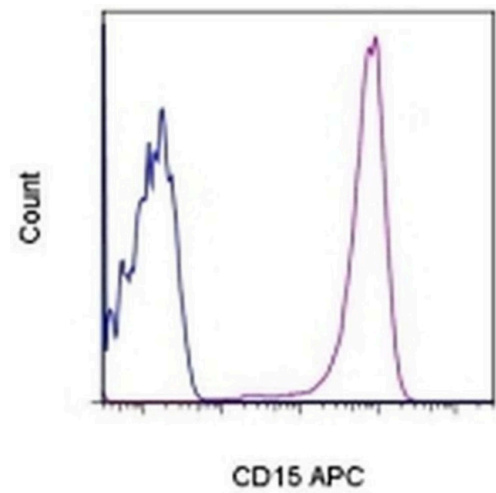
Description: The MMA monoclonal antibody reacts with human CD15, Lewis X. This 3-fucosyl-N-acetyllactosamine carbohydrate moiety is expressed by granulocytes. Monocytes express this structure at varying degree while lymphocytes are negative.

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

Applications Tested: This MMA antibody has been pre-titrated and tested by flow cytometric analysis of normal human peripheral blood cells. This can be used at 5 µL (0.125 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 10^5 to 10^8 cells/test.

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

Filtration: 0.2 µm post-manufacturing filtered.



**CD15 Antibody (17-0158-42) in Flow**  
Staining of normal human peripheral blood cells with Mouse IgM Isotype Control APC (Product # 17-4752-80) (blue histogram) or Anti-Human CD15 APC (purple histogram). Cells in the granulocyte gate were used for analysis.

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**9 References**

**Flow Cytometry (9)**

<p>Journal for immunotherapy of cancer</p> <p><b>LAL deficiency induced myeloid-derived suppressor cells as targets and biomarkers for lung cancer.</b></p> <p>"Published figure using CD15 monoclonal antibody (Product # 17-0158-42) in Flow Cytometry"</p> <p>Authors: Zhao T,Liu S,Hanna NH,Jalal S,Ding X,Wan J,Yan C,Du H</p>	<p>Year 2023</p>
<p>Oncoimmunology</p> <p><b>Neutrophil extracellular traps induce tumor metastasis through dual effects on cancer and endothelial cells.</b></p> <p>"Published figure using CD15 monoclonal antibody (Product # 17-0158-42) in Flow Cytometry"</p> <p>Authors: Jiang ZZ,Peng ZP,Liu XC,Guo HF,Zhou MM,Jiang D,Ning WR,Huang YF,Zheng L,Wu Y</p>	<p>Year 2022</p>

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