

CD14 Monoclonal Antibody (61D3), APC, eBioscience™

Product Details	
Size	100 Tests
Species Reactivity	Human
Published Species	Non-human primate, Human
Host/Isotope	Mouse / IgG1, kappa
Recommended Isotype Control	Mouse IgG1 kappa Isotype Control (P3.6.2.8.1), APC, eBioscience™
Class	Monoclonal
Type	Antibody
Clone	61D3
Conjugate	APC
Form	Liquid
Concentration	5 µL/Test
Purification	Affinity chromatography
Storage buffer	PBS, pH 7.2, with 0.1% gelatin, 0.2% BSA
Contains	0.09% sodium azide
Storage Conditions	4° C, store in dark, DO NOT FREEZE!
RRID	AB_10669167

Applications	Tested Dilution	Publications
Flow Cytometry (Flow)	5 µL (0.25 µg)/test	28 Publications

Product Specific Information

Description: The 61D3 monoclonal antibody reacts with human CD14, a 53-55 kDa GPI-linked glycoprotein. CD14 is expressed on monocytes, interfollicular macrophages and some dendritic cells. Complexes of LPS and LBP (LPS-Binding Protein) bind with high affinity to monocytes through the surface CD14.

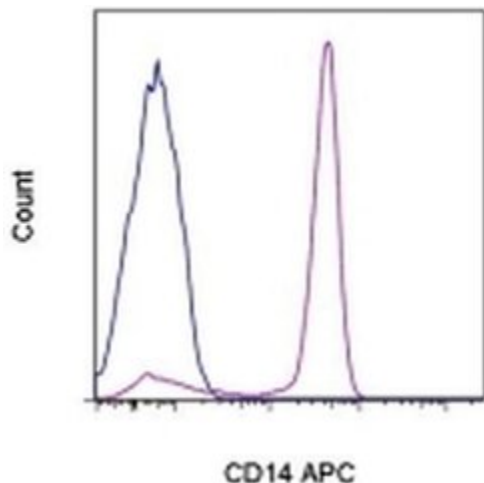
Applications Reported: The 61D3 antibody has been reported for use in flow cytometric analysis.

Applications Tested: This 61D3 antibody has been pre-titrated and tested by flow cytometric analysis of normal human peripheral blood cells. This can be used at 5 µL (0.25 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.

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

Filtration: 0.2 µm post-manufacturing filtered.

Product Images For CD14 Monoclonal Antibody (61D3), APC, eBioscience™



CD14 Antibody (17-0149-42) in Flow

Staining of normal human peripheral blood cells with Mouse IgG1 K Isotype Control APC (Product # 17-4714-81) (blue histogram) or Anti-Human CD14 APC (purple histogram). Cells in the monocyte gate were used for analysis.

28 References

Flow Cytometry (28)

Scientific reports

Efficient immunoaffinity chromatography of lymphocytes directly from whole blood.

"17-0149 was used in Flow cytometry/Cell sorting to show that defined lymphocytes can be rapidly purified by immunoaffinity chromatography starting directly from whole blood."

Authors: Mohr F, Przibilla S, Leonhardt F, Stemberger C, Dreher S, Müller TR, Fräßle SP, Schmidt GP, Kiene ML, Stadler H, Busch DH

Species
Human

Dilution
Not Cited

Year
2018

Neoplasia (New York, N.Y.)

Genetic and Epigenetic Perturbations by DNMT3A-R882 Mutants Impaired Apoptosis through Augmentation of PRDX2 in Myeloid Leukemia Cells.

"17-0149 was used in Flow cytometry/Cell sorting to study the effects of DNMT3A-Arg882His/Cys (R882H/C) mutations in myeloid leukaemia cells."

Authors: Bera R, Chiu MC, Huang YJ, Liang DC, Lee YS, Shih LY

Species
Human

Dilution
Not Cited

Year
2018

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More applications with references on thermofisher.com

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