

IL-4 Monoclonal Antibody (8D4-8), APC, eBioscience™

Product Details	
Size	50 µg
Species Reactivity	Human
Published Species	Human, Rhesus monkey
Host/Isotype	Mouse / IgG1, kappa
Recommended Isotype Control	Mouse IgG1 kappa Isotype Control (P3.6.2.8.1), APC, eBioscience™
Class	Monoclonal
Type	Antibody
Clone	8D4-8
Conjugate	APC
Form	Liquid
Concentration	0.2 mg/mL
Storage conditions	4° C, store in dark, DO NOT FREEZE!
RRID	AB_469497

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

Product Specific Information

Description: The 8D4-8 antibody reacts with human interleukin-4 (IL-4), a 15-19 kDa cytokine secreted by Th2 cells.

Applications Reported: The 8D4-8 antibody has been reported for use as a capture antibody for human IL-4 ELISA and for intracellular staining for flow cytometric analysis.

Applications Tested: This 8D4-8 antibody has been tested in intracellular staining and flow cytometric analysis of stimulated human peripheral blood cells. This can be used at less than or equal to 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 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.

Flow Cytometry (5)

Human molecular genetics	Year 2015
DCLRE1C (ARTEMIS) mutations causing phenotypes ranging from atypical severe combined immunodeficiency to mere antibody deficiency.	Species Human
"17-7049 was used in Flow cytometry/Cell sorting to investigate the range of phenotypes associated with DCLRE1C (ARTEMIS) mutations in humans."	
Authors: Volk T,Pannicke U,Reisli I,Bulashevsk A,Ritter J,Björkman A,Schäffer AA,Fliegau M,Sayar EH,Salzer U, Fisch P,Pfeifer D,Di Virgilio M,Cao H,Yang F,Zimmermann K,Keles S,Caliskaner Z,Güner SÜ,Schindler D, Hammarström L,Rizzi M,Hummel M,Pan-Hammarström Q,Schwarz K,Grimbacher B	
Nucleic acids research	Year 2015
A SnoRNA-derived piRNA interacts with human interleukin-4 pre-mRNA and induces its decay in nuclear exosomes.	Species Human
"Published figure using IL-4 monoclonal antibody (Product # 17-7049-81) in Flow Cytometry"	
Authors: Zhong F,Zhou N,Wu K,Guo Y,Tan W,Zhang H,Zhang X,Geng G,Pan T,Luo H,Zhang Y,Xu Z,Liu J,Liu B,Gao W,Liu C,Ren L,Li J,Zhou J,Zhang H	

[View more Flow references on thermofisher.com](#)

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