

CD3 Monoclonal Antibody (7D6), PE-Cyanine5.5

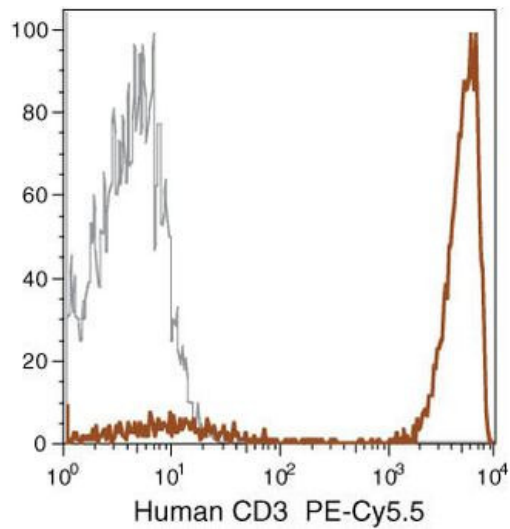
Product Details	
Size	500 µL
Species Reactivity	Human
Published Species	Human
Host/Isotype	Mouse / IgG2a
Class	Monoclonal
Type	Antibody
Clone	7D6
Conjugate	PE-Cyanine5.5
Excitation/Emission Max	564/692 nm
Immunogen	Human CD3 epsilon
Form	Liquid
Purification	purified
Storage buffer	PBS with sucrose
Contains	0.1% sodium azide
Storage conditions	4° C, store in dark
RRID	AB_10376001

Applications	Tested Dilution	Publications
Flow Cytometry (Flow)	Assay-Dependent	3 Publications
Miscellaneous PubMed (Misc)	-	1 Publication

Product Specific Information

The R-phycoerythrin (PE)-Cy5.5® tandem conjugate permits simultaneous multicolor labeling and detection of multiple targets with excitation by a single excitation source-the 488 nm line of the argon-ion laser.

Product Images For CD3 Monoclonal Antibody (7D6), PE-Cyanine5.5



CD3 Antibody (MHCD0318) in Flow
Human peripheral blood lymphocytes stained using PE-Cy®5.5 of anti-human CD3 monoclonal antibody (clone S4.1). The negative control profiles represent unstained cells.

4 References

Flow Cytometry (3)

<p>Cell reports</p> <p>Humanized mice reveal a macrophage-enriched gene signature defining human lung tissue protection during SARS-CoV-2 infection.</p> <p>"MHCD0318 was used in Flow cytometry/Cell sorting to highlight the HNFL model as a transformative platform to investigate, in controlled experimental settings, human myeloid immune mechanisms governing lung tissue protection during SARS-CoV-2 infection."</p> <p>Authors: Kenney DJ,O'Connell AK,Turcinovic J,Montanaro P,Hekman RM,Tamura T,Berneshawi AR,Cafiero TR,Al Abdullatif S,Blum B,Goldstein SI,Heller BL,Gertje HP,Bullitt E,Trachtenberg AJ,Chavez E,Nono ET,Morrison C,Tseng AE,Sheikh A,Kurnick S,Grosz K,Bosmann M,Ericsson M,Huber BR,Saeed M,Balazs AB,Francis KP,Klose A,Paragas N, Campbell JD,Connor JH,Emili A,Crossland NA,Ploss A,Douam F</p>	<p>Year 2022</p> <p>Species Human</p>
<p>JCI insight</p> <p>Differential transcriptome and development of human peripheral plasma cell subsets.</p> <p>"MHCD0318 was used in Flow cytometry/Cell sorting to study the heterogeneity of human antibody secreting cells after vaccination."</p> <p>Authors: Garimalla S,Nguyen DC,Halliley JL,Tipton C,Rosenberg AF,Fucile CF,Saney CL,Kyu S,Kaminski D,Qian Y, Scheuermann RH,Gibson G,Sanz I,Lee FE</p>	<p>Year 2019</p> <p>Species Human</p>

View more Flow references on thermofisher.com

Miscellaneous PubMed (1)

<p>Blood</p> <p>Targeting the nuclear antigen 1 of Epstein-Barr virus to the human endocytic receptor DEC-205 stimulates protective T-cell responses.</p> <p>"MHCD0318 was used in flow cytometry to study the use of DEC-205 targeting in vaccination against Epstein-Barr virus."</p> <p>Authors: Gurer C,Strowig T,Brilot F,Pack M,Trumpfheller C,Arrey F,Park CG,Steinman RM,Münz C</p>	<p>Year 2008</p> <p>Species Human</p>
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