

CD3 Monoclonal Antibody (7D6), PE

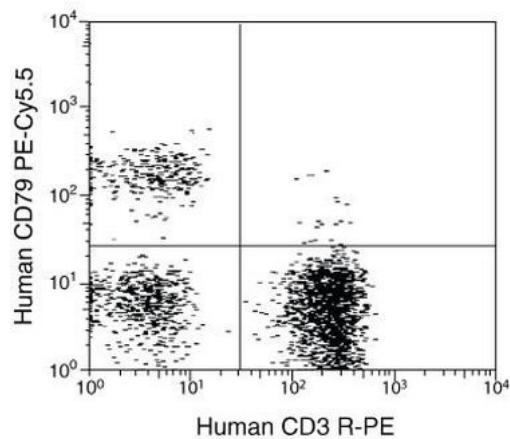
Product Details	
Size	500 µL
Species Reactivity	Human
Published Species	Human, Mouse
Host/Isotype	Mouse / IgG2a
Class	Monoclonal
Type	Antibody
Clone	7D6
Conjugate	PE
Excitation/Emission Max	565/576 nm
Immunogen	Human CD3 epsilon
Form	Liquid
Purification	purified
Storage buffer	PBS with 4mg/mL BSA
Contains	0.1% sodium azide
Storage conditions	4° C, store in dark
RRID	AB_10376004

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

Product Specific Information

R-phycoerythrin (PE) is a stable and highly soluble phycobiliprotein which provides maximal absorbance and fluorescence without susceptibility to internal or external fluorescence quenching, thus providing an exceptional quantum yields and molar extinction coefficients.

Product Images For CD3 Monoclonal Antibody (7D6), PE



CD3 Antibody (MHCD0304) in Flow
Human peripheral blood lymphocytes stained using R-PE of anti-human CD3 monoclonal antibody (clone S4.1). The negative control profiles represent unstained cells.

Flow Cytometry (3)

Cell	
Humans with inherited T cell CD28 deficiency are susceptible to skin papillomaviruses but are otherwise healthy.	Year 2021
"MHCD0304 was used in Flow cytometry/Cell sorting to conclude that human CD28-dependent T cell responses are largely redundant for protective immunity."	Species Human
Authors: Béziat V,Rapaport F,Hu J,Titeux M,Bonnet des Claustres M,Bourgey M,Griffin H,Bandet É,Ma CS,Sherkat R,Rokni-Zadeh H,Louis DM,Changi-Ashtiani M,Delmonte OM,Fukushima T,Habib T,Guennoun A,Khan T,Bender N,Rahman M,About F,Yang R,Rao G,Rouzaud C,Li J,Shearer D,Balogh K,Al Ali F,Ata M,Dabiri S,Momenilandi M,Nammour J,Alyanikian MA,Leruez-Ville M,Guenat D,Materna M,Marcot L,Vladikine N,Soret C,Vahidnezhad H,Youssefian L,Saeidian AH,Uitto J,Catherinot É,Navabi SS,Zarhrate M,Woodley DT,Jeljeli M,Abraham T,Belkaya S,Lorenzo L,Rosain J,Bayat M,Lanternier F,Lortholary O,Zakavi F,Gros P,Orth G,Abel L,Prétet JL,Fraitag S,Jouanguy E,Davis MM,Tangye SG,Notarangelo LD,Marr N,Waterboer T,Langlais D,Doorbar J,Hovnanian A,Christensen N,Bossuyt X,Shahrooei M,Casanova JL	

Journal of neuroinflammation	Year 2020
Osteopontin/secreted phosphoprotein-1 behaves as a molecular brake regulating the neuroinflammatory response to chronic viral infection.	Species Mouse
"MHCD0304 was used in Flow cytometry/Cell sorting to propose that osteopontin may act as a molecular brake within the brain in order to regulate the inflammatory response to chronic viral infections, such as HIV."	
Authors: Mahmud FJ,Du Y,Greif E,Boucher T,Dannals RF,Mathews WB,Pomper MG,Sysa-Shah P,Metcalfe KA,Lyons C,Carlson B,Chacona M,Brown AM	

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

Miscellaneous PubMed (3)

The Journal of infectious diseases	Year 2015
Zoster Vaccination Increases the Breadth of CD4+ T Cells Responsive to Varicella Zoster Virus.	Species Human
"MHCD0304 was used in flow cytometry to measure the memory CD4(+) T-cell responses to each varicella zoster virus protein at baseline and after zoster vaccination."	
Authors: Laing KJ,Russell RM,Dong L,Schmid DS,Stern M,Magaret A,Haas JG,Johnston C,Wald A,Koelle DM	

The Journal of pathology	Year 2009
Preclinical evaluation of carcinoembryonic cell adhesion molecule (CEACAM) 6 as potential therapy target for pancreatic adenocarcinoma.	Species Human
"MHCD0304 was used in flow cytometry to investigate targeting CEACAM6 for treatment of pancreatic adenocarcinomas."	Dilution 1:20
Authors: Strickland LA,Ross J,Williams S,Ross S,Romero M,Spencer S,Erickson R,Sutcliffe J,Verbeke C,Polakis P,van Bruggen N,Koeppen H	

[View more Misc references on thermofisher.cn](#)

More applications with references on thermofisher.cn

For Research Use Only. Not for use in diagnostic procedures. Not for resale without express authorization. Products are warranted to operate or perform substantially in conformance with published Product specifications in effect at the time of sale, as set forth in the Production documentation, specifications and/or accompanying package inserts ("Documentation"). No claim of suitability for use in applications regulated by FDA is made. The warranty provided herein is valid only when used by properly trained individuals. Unless otherwise stated in the Documentation, this warranty is limited to one year from date of shipment when the Product is subjected to normal, proper and intended usage. This warranty does not extend to anyone other than the Buyer. Any model or sample furnished to Buyer is merely illustrative of the general type and quality of goods and does not represent that any Product will conform to such model or sample. NO OTHER WARRANTIES, EXPRESS OR IMPLIED, ARE GRANTED INCLUDING WITHOUT LIMITATION, IMPLIED WARRANTIES OF MERCHANTABILITY, FITNESS FOR ANY PARTICULAR PURPOSE, OR NON-INFRINGEMENT. BUYER'S EXCLUSIVE REMEDY FOR NON-CONFORMING PRODUCTS DURING THE WARRANTY PERIOD IS LIMITED TO REPAIR, REPLACEMENT OF OR REFUND FOR THE NON-CONFORMING PRODUCT(S) AT SELLER'S SOLE OPTION. THERE IS NO OBLIGATION TO REPAIR, REPLACE OR REFUND FOR PRODUCTS AS THE RESULT OF (i) ACCIDENT, DISASTER OR EVENT OF FORCE MAJEURE, (ii) MISUSE, FAULT OR NEGLIGENCE OF OR BY BUYER, (iii) USE OF THE PRODUCTS IN A MANNER FOR WHICH THEY WERE NOT DESIGNED, OR (iv) IMPROPER STORAGE AND HANDLING OF THE PRODUCTS. Unless otherwise expressly stated on the Product or in the documentation accompanying the Product, the Product is intended for research only and is not to be used for any other purpose, including without limitation, unauthorized commercial uses, in vitro diagnostic uses, ex vivo or in vivo therapeutic uses, or any type of consumption by or application to human or animals.