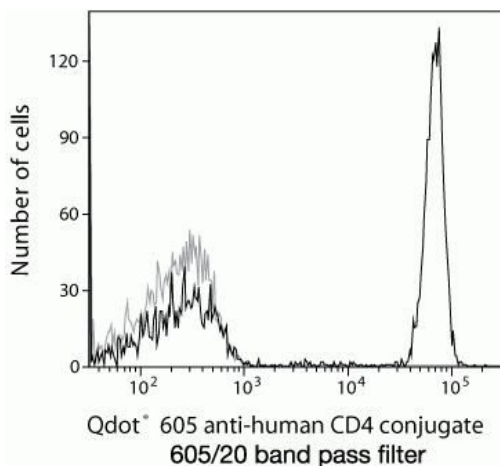


# CD4 Monoclonal Antibody (S3.5), Qdot 605

Product Details	
Size	100 µL
Species Reactivity	Human
Published Species	Human
Host/Isotope	Mouse / IgG2a
Class	Monoclonal
Type	Antibody
Clone	S3.5
Conjugate	Qdot® 605
Immunogen	Human CD4
Form	Liquid
Purification	purified
Storage buffer	0.05M borate, pH 8.3, with 1M betaine
Contains	0.05% sodium azide
Storage Conditions	4° C
RRID	AB_11180611

Applications	Tested	Dilution	Published
Flow Cytometry (Flow)	✓	Assay Dependent	12 Publications
Miscellaneous PubMed (MISC)	-		2 Publications

## Product Images For CD4 Monoclonal Antibody (S3.5), Qdot 605



**CD4 Antibody (Q10008) in Flow**  
Qdot® 605 anti-human CD4 conjugate 605/20 band pass filter

## 14 References

### Flow Cytometry (12)

Methods in molecular biology (Clifton, N.J.)

#### Analysis of Intracellular Ca(2+) Mobilization in Human NK Cell Subsets by Flow Cytometry.

"Q10008 was used in flow cytometry to utilize flow cytometry to analyze intracellular Ca(2+) mobilization in human NK cell subsets"

Authors: Theorell J,Bryceson YT

**Species**  
Not Applicable

**Dilution**  
Not Cited

**Year**  
2017

PloS one

#### Application of a whole blood mycobacterial growth inhibition assay to study immunity against Mycobacterium tuberculosis in a high tuberculosis burden population.

"Q10008 was used in Flow cytometry/Cell sorting to propose that universally high mycobacterial sensitization in persons from high TB burden settings may impart broad inhibition of mycobacterial growth."

Authors: Baguma R,Penn-Nicholson A,Smit E,Erasmus M,Day J,Makhetha L,de Kock M,Hughes EJ,van Rooyen M,Pienaar B,Stone L,Hanekom W,Brennan MJ,Wallis RS,Hatherill M,Scriba TJ

**Species**  
Human

**Dilution**  
Not Cited

**Year**  
2017

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### Miscellaneous PubMed (2)

AIDS research and human retroviruses

#### Differential regulatory T cell activity in HIV type 1-exposed seronegative individuals.

"Q10008 was used in flow cytometry to determine the role of conventional and regulatory T cells in protection from HIV-1 infection."

Authors: Pattacini L,Murnane PM,Kahle EM,Bolton MJ,Delrow JJ,Lingappa JR,Katabira E,Donnell D,McElrath MJ,Baeten JM,Lund JM

**Species**  
Human

**Dilution**  
Not Cited

**Year**  
2013

Journal of immunology (Baltimore, Md. : 1950)

#### Functional capacity of Mycobacterium tuberculosis-specific T cell responses in humans is associated with mycobacterial load.

"Q10008 was used in flow cytometry to examine the relationship between T cells and antigen load in patients with chronic Mycobacterium tuberculosis infection."

Authors: Day CL,Abrahams DA,Lerumo L,Janse van Rensburg E,Stone L,O'rie T,Pienaar B,de Kock M,Kaplan G,Mahomed H,Dheda K,Hanekom WA

**Species**  
Human

**Dilution**  
Not Cited

**Year**  
2011

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