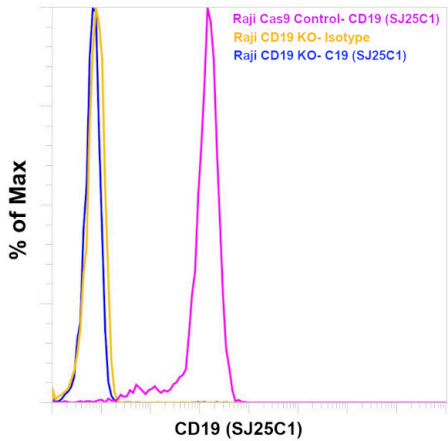


CD19 Monoclonal Antibody (SJ25-C1), Qdot™ 605

Product Details	
Size	100 µL
Species Reactivity	Human
Published Species	Human
Host/Isotype	Mouse / IgG1, kappa
Class	Monoclonal
Type	Antibody
Clone	SJ25-C1
Conjugate	Qdot™ 605
Excitation/Emission Max	300/603 nm
Immunogen	Nalm 1 human cell line.
Form	Liquid
Purification	Affinity chromatography
Storage buffer	0.05M borate, pH 8.3, with 1M betaine
Contains	0.05% sodium azide
Storage conditions	4° C
RRID	AB_10374734

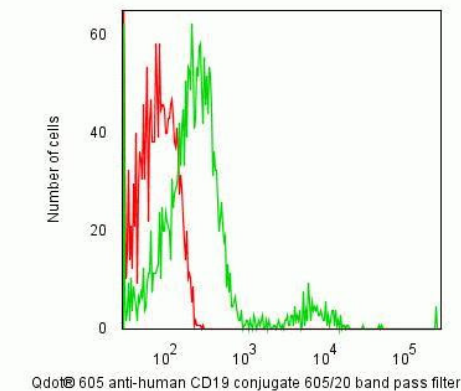
Applications	Tested Dilution	Publications
Flow Cytometry (Flow)	Assay-dependent	1 Publication

Product Images For CD19 Monoclonal Antibody (SJ25-C1), Qdot™ 605



CD19 Antibody (Q10306)

Antibody clone (SJ25C1) specificity was demonstrated by CRISPR-Cas9 mediated knockout of target protein. Loss of signal was observed for target protein in CD19 KO cells (blue histogram) compared to the control Cas9 cells (pink histogram) using CD19 antibody (SJ25C1). Yellow histogram represents staining with the isotype control. {KO}



CD19 Antibody (Q10306) in Flow

Log fluorescence intensity profiles of human PBLs gated on lymphocytes and analyzed on a BD LSR II flow cytometer (BD Biosciences, San Jose, CA) using 405 nm excitation and the specified emission filters. The data files were analyzed using FlowJo™ software (Treestar, Inc., www.flowjo.com). The black line represents cells stained with anti-human CD19 antibody conjugate and the gray line represents unstained cells. Note: Flow cytometric data shown may not necessarily have been generated using the enclosed lot of reagent. For this reason, and due to differences in flow cytometers and cytometer settings, results may vary from those illustrated above. We recommend titrating reagents to determine optimal conditions for use in your systems.

1 Reference

Flow Cytometry (1)

Cell reports

High-dimensional profiling clusters asthma severity by lymphoid and non-lymphoid status.

"Q10306 was used in Flow Cytometry to find that corticosteroid-resistant asthma patients cluster largely into two groups: one enriched in interleukin (IL)-4+ innate immune cells and another dominated by interferon (IFN)-γ T cells, including tissue-resident memory cells."

Authors: Camiolo MJ,Zhou X,Oriss TB,Yan Q,Gorry M,Horne W,Trudeau JB,Scholl K,Chen W,Kolls JK,Ray P,Weisel FJ,Weisel NM,Aghaepour N,Nadeau K,Wenzel SE,Ray A

Year
2021

Species
Human

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.