

Certificate of Analysis

Cell count	> 100 million per vial
Viability	98%
CD3+	70.0%
CD19+	9.6%
CD14+	12.6%
CD11c+	18.1%
CD16+	9.3%
CD56+	10.4%
Sterility	Negative for Bacteria, Yeast, and Fungi

Donor Information

Donor ID	645
Age	32
Race	Caucasian
Gender	Male
Height	72 inches
Weight	175 lbs
ABO Type	A negative

HLA typing

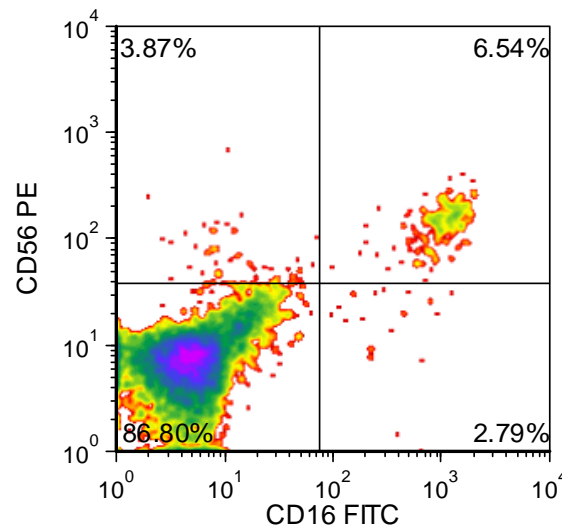
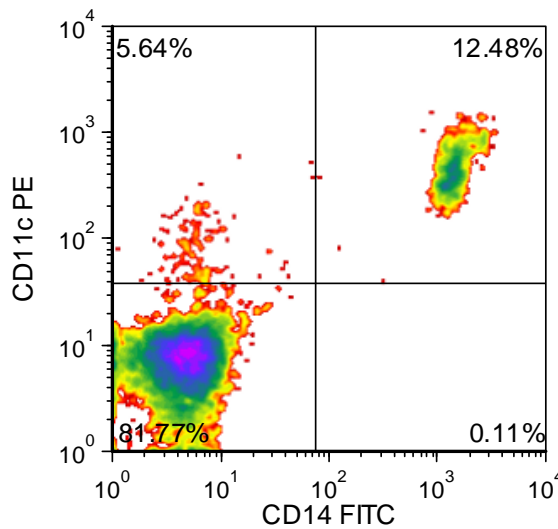
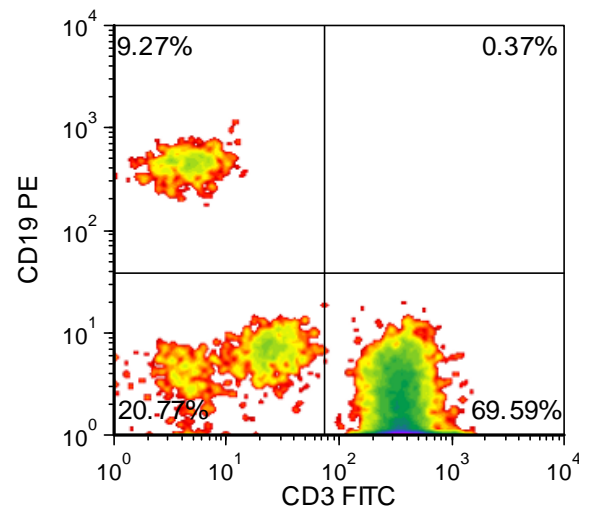
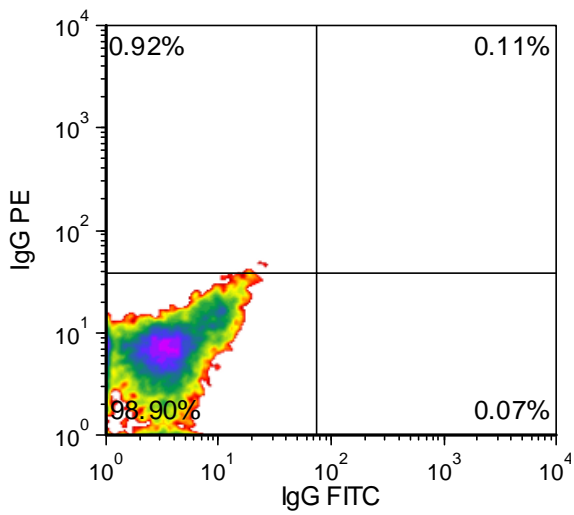
	Allele 1	Allele 2
HLA-A	23:01	31:01
HLA-B	08:01	44:03
HLA-C	04:01	07:01
HLA-DRB1	03:01	07:01

Note: Donor is seropositive for CMV.

Donors are tested for the blood borne pathogens HIV-1 and 2, Hepatitis B, Hepatitis C and HTLV-1 and are negative. Cells should still be handled as if potentially infectious following biosafety level 2 procedures

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Lot Specific Recall Antigen Response

	Interferon gamma	TNF alpha
Media Control	2	1
Tetanus Toxoid	1299	19
PHA	589274	657
LPS	30809	896
Cytomegalovirus	80	3

Values are pg/mL of culture medium collected 4 days after stimulation with antigen or mitogen