

Certificate of Analysis

Cell count	46 million per vial
Viability	98%
CD3+	53.6%
CD19+	9.0%
CD14+	19.2%
CD11c+	28.3%
CD16+	18.9%
CD56+	27.9%
Sterility	Negative for Bacteria, Yeast, and Fungi

Donor Information

Donor ID	400
Age	68
Race	Caucasian
Gender	Male
Height	72 inches
Weight	245 lbs
ABO Type	A Positive

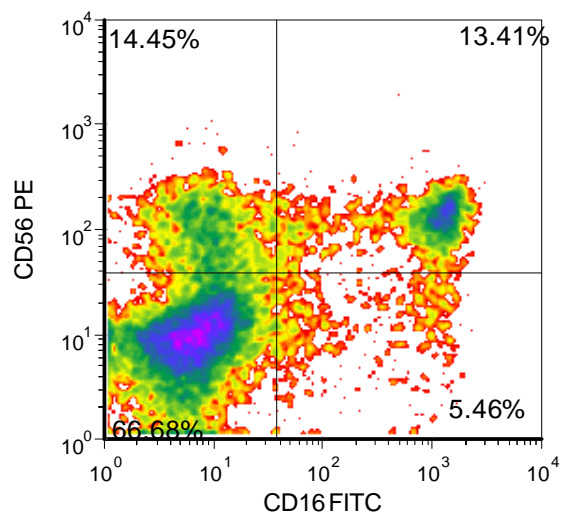
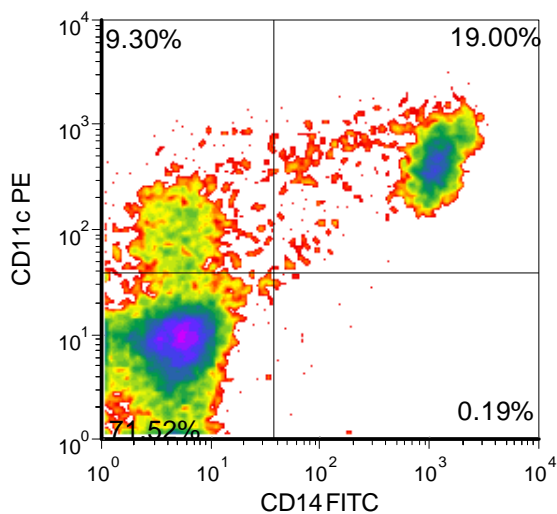
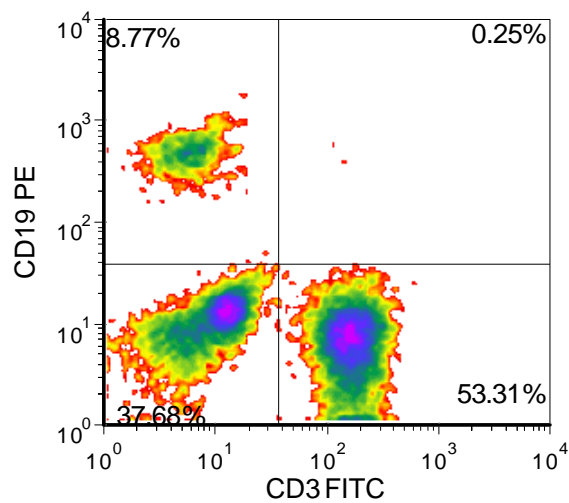
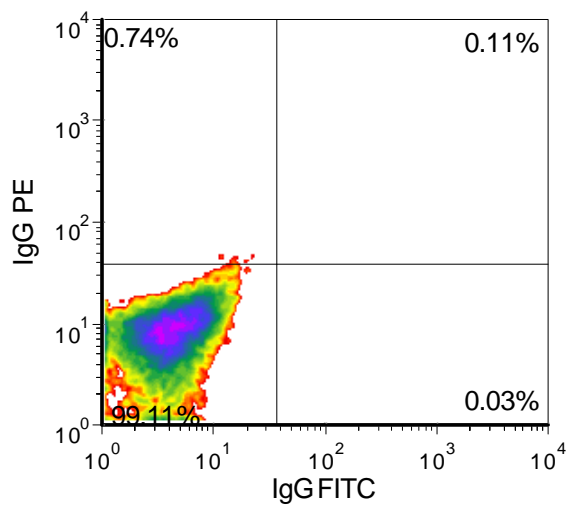
HLA typing

	Allele 1	Allele 2
HLA-A	02:01	68:01
HLA-B	39:01	40:01
HLA-C	03:19	07:02
HLA-DRB1	04:03	08:01

Note: Donor is sero positive for CMV. Healthy male donor who only takes vitamins and a baby aspirin.

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

FOR RESEARCH USE ONLY. NOT FOR DIAGNOSTIC OR THERAPEUTIC USE



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Lot Specific Recall Antigen Response

	Interferon gamma	TNF alpha
Media Control	3	2
Tetanus Toxoid	26	30
PHA	201112	562
LPS	7443	377
Cytomegalovirus	938	16

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