

Certificate of Analysis

Cell count	104 million per vial
Viability	91%
CD3+	55.1%
CD19+	16.5%
CD14+	19.5%
CD11c+	26.4%
CD16+	9.3%
CD56+	9.4%
Sterility	Negative for Bacteria, Yeast, and Fungi

Donor Information

Donor ID	649
Age	50
Race	Caucasian
Gender	Female
Height	64 inches
Weight	295 lbs
ABO Type	O Positive

HLA typing

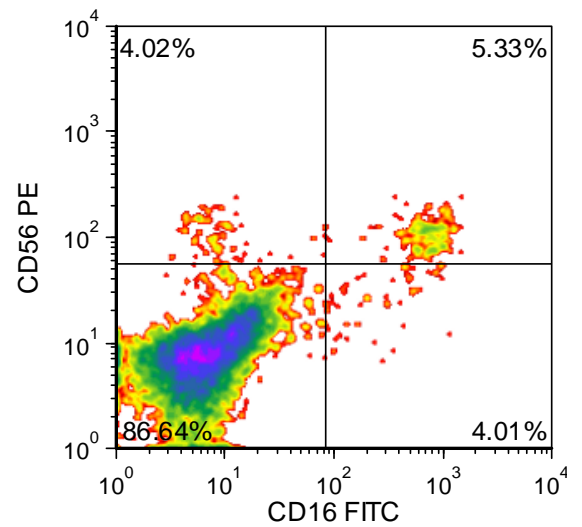
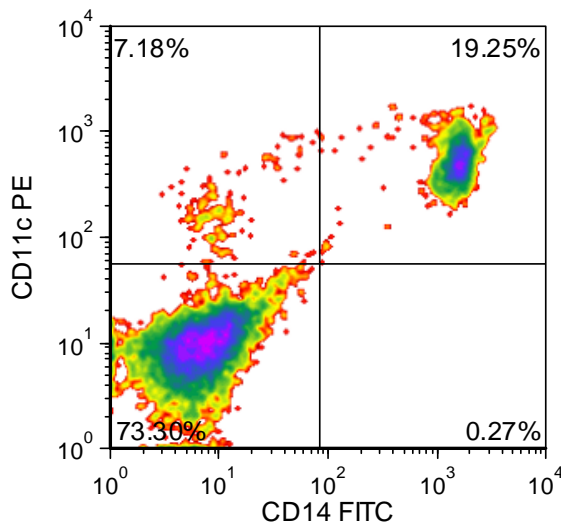
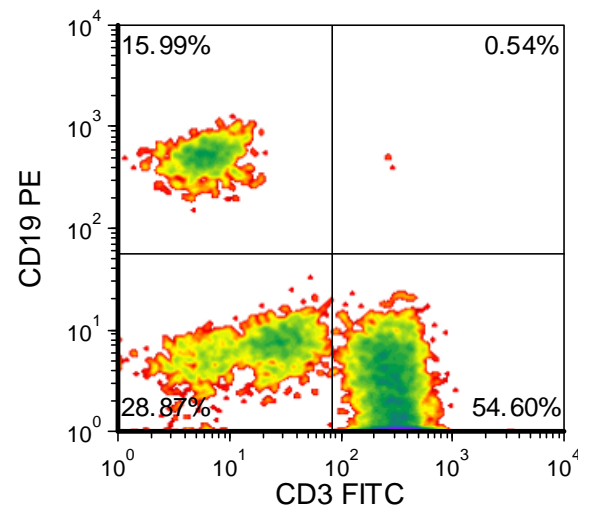
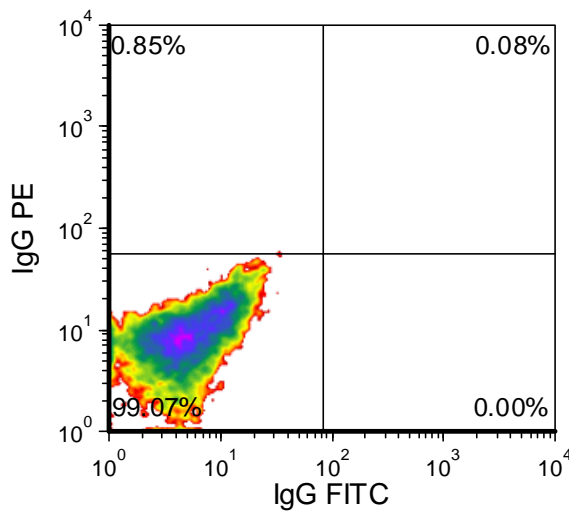
	Allele 1	Allele 2
HLA-A	02:01	30:02
HLA-B	18:01	51:01
HLA-C	02:02	05:01
HLA-DRB1	03:01	15:01

Note: Medications: metformin, Levemere, Victosa, Lisenopril, HCTZ, Metropolol, Atrophostatin, Iron pills and Vitamin D. 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

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	0	6
Tetanus Toxoid	101	38
PHA	667304	1941
LPS	13208	294
Cytomegalovirus	5520	146

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