

Certificate of Analysis

Cell count	25 million per vial
Viability	86%
CD3+	48.2%
CD19+	14.5%
CD14+	15.7%
CD11c+	31.3%
CD16+	16.9%
CD56+	13.4%
Sterility	Negative for Bacteria, Yeast, and Fungi

Donor Information

Donor ID	558
Age	19
Race	Caucasian
Gender	Male
Height	71 inches
Weight	211 lbs
ABO Type	A Positive

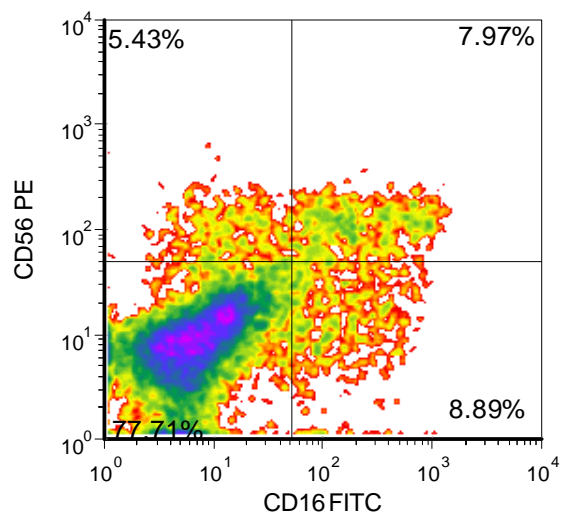
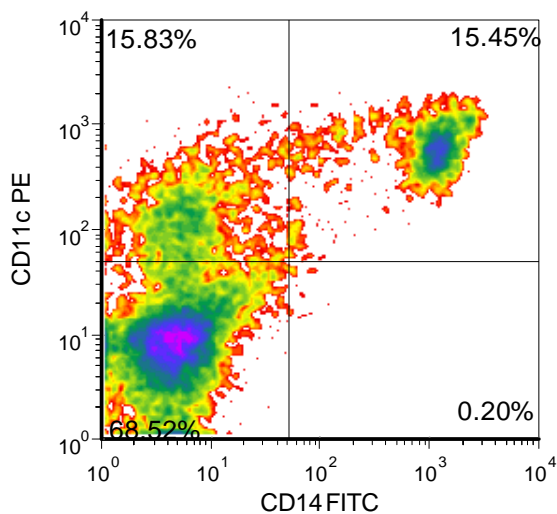
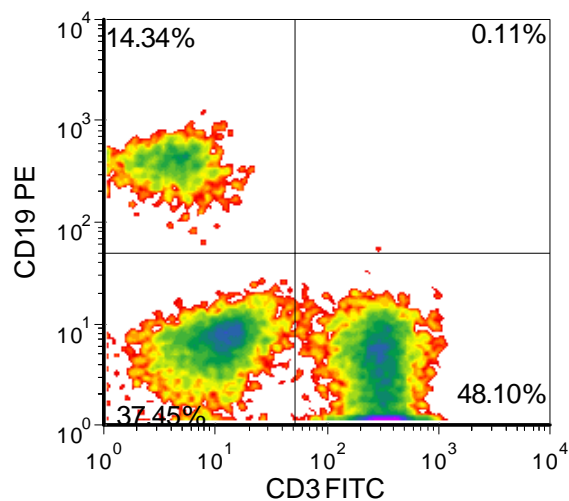
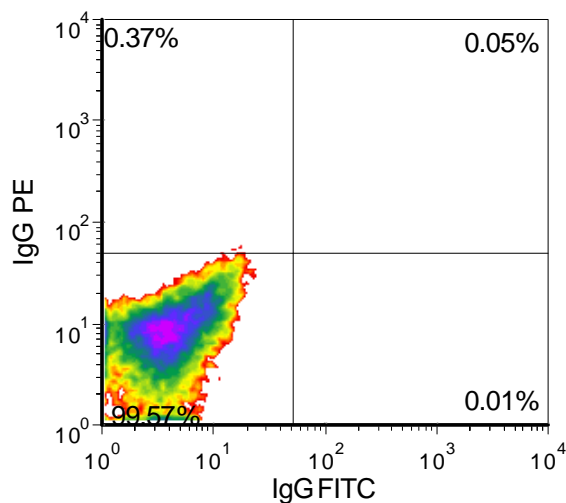
HLA typing

	Allele 1	Allele 2
HLA-A	02:01	33:01
HLA-B	14:02	44:02
HLA-C	05:01	08:02
HLA-DRB1	01:02	03:01

Note: Donor is CMV seropositive.

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	2	2
Tetanus Toxoid	821	118
PHA	115669	330
LPS	6657	449
Cytomegalovirus	1725	23

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