

Certificate of Analysis

Cell count	128 million per vial
Viability	88%
CD3+	50.8%
CD19+	11.9%
CD14+	24.3%
CD11c+	37.4%
CD16+	12.0%
CD56+	16.1%
Sterility	Negative for Bacteria, Yeast, and Fungi

Donor Information

Donor ID	510
Age	20
Race	Caucasian
Gender	Male
Height	67 inches
Weight	191 lbs
ABO Type	O Positive

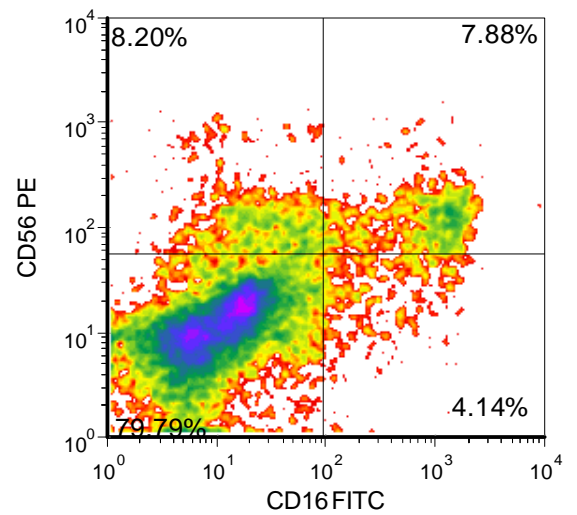
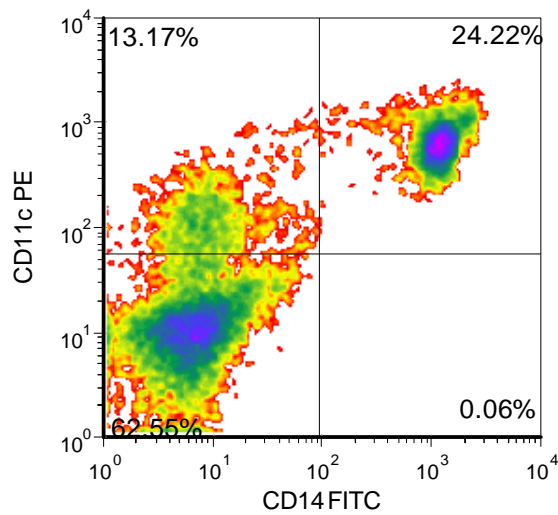
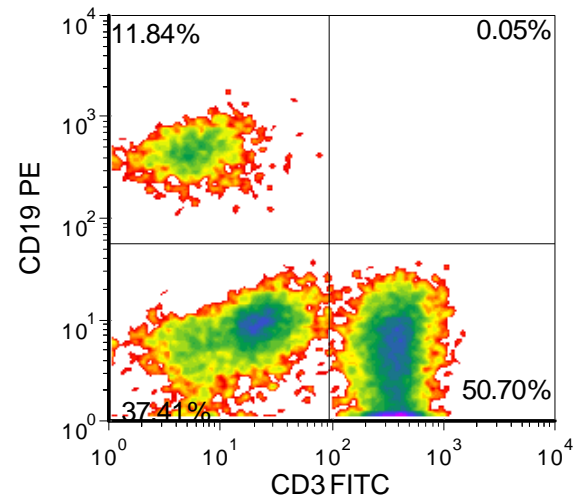
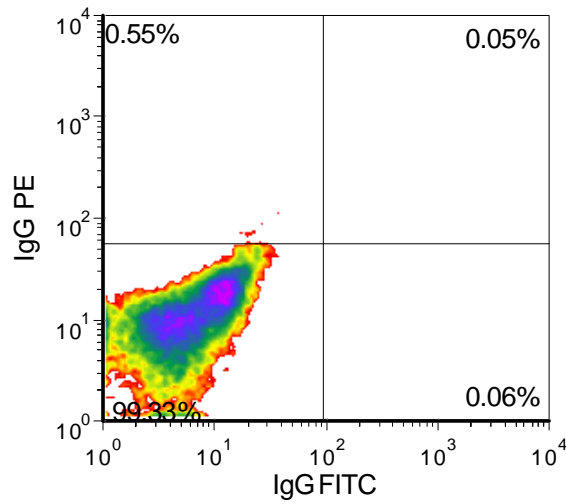
HLA typing

	Allele 1	Allele 2
HLA-A	11:01	66:01
HLA-B	41:02	51:01
HLA-C	15:02	17:03
HLA-DRB1	04:04	13:03

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

FOR RESEARCH USE ONLY. NOT FOR DIAGNOSTIC OR THERAPEUTIC USE



FOR RESEARCH USE ONLY. NOT FOR DIAGNOSTIC OR THERAPEUTIC USE



Peripheral Blood Mononuclear Cells
Catalog Number: 1001
Lot Number: 4648MA20

Lot Specific Recall Antigen Response

	Interferon gamma	TNF alpha
Media Control	0	1
Tetanus Toxoid	425	38
PHA	160264	752
LPS	10173	682
Cytomegalovirus	1815	26

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

FOR RESEARCH USE ONLY. NOT FOR DIAGNOSTIC OR THERAPEUTIC USE