

Certificate of Analysis

Cell count	68 million per vial
Viability	97%
CD3+	73.3%
CD19+	6.9%
CD14+	10.8%
CD11c+	15.4%
CD16+	8.0%
CD56+	16.4%
Sterility	Negative for Bacteria, Yeast, and Fungi

Donor Information

Donor ID	502
Age	67
Race	Caucasian
Gender	Male
Height	5' 9"
Weight	148 lbs
ABO Type	A Positive

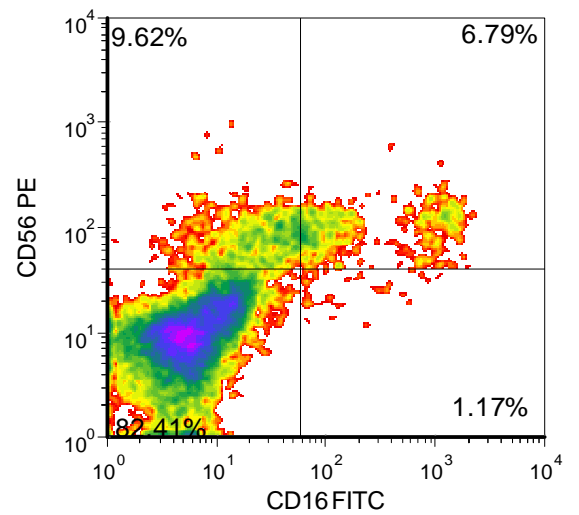
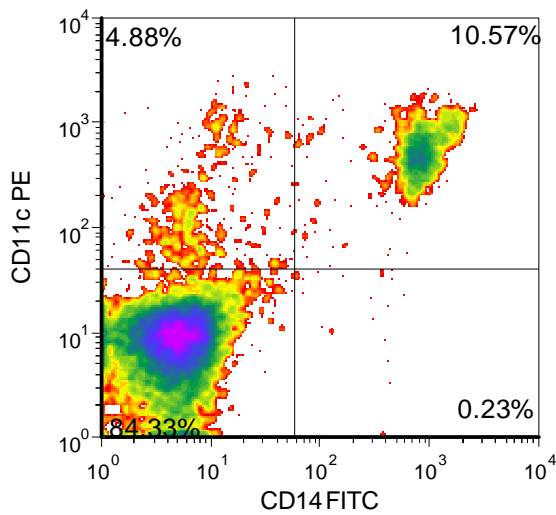
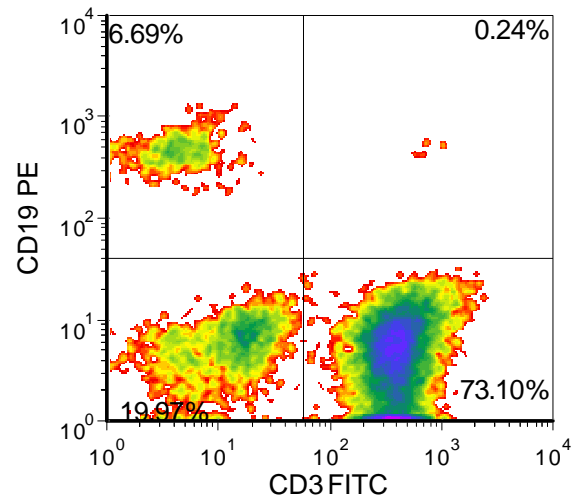
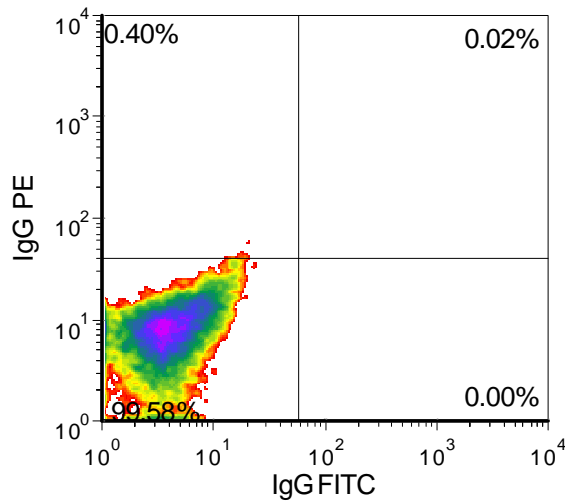
HLA typing

	Allele 1	Allele 2
HLA-A	11:01	24:02
HLA-B	35:01	39:06
HLA-C	04:01	07:02
HLA-DRB1	01:01	08:01

Note: Medications: Levothyroxine, Simvastatin, Humalog insulin, Lisinopril, 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



FOR RESEARCH USE ONLY. NOT FOR DIAGNOSTIC OR THERAPEUTIC USE

Lot Specific Recall Antigen Response

	Interferon gamma	TNF alpha
Media Control	0	0
Tetanus Toxoid	113	11
PHA	404925	2447
LPS	2846	829
Cytomegalovirus	0	0

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