

Certificate of Analysis

Cell count	13.8 million per vial
Viability	94%
CD3+	65.7%
CD19+	11.4%
CD14+	7.7%
CD11c+	12.4%
CD16+	5.4%
CD56+	7.8%
Sterility	Negative for Bacteria, Yeast, and Fungi

Donor Information

Donor ID	644
Age	36
Race	Caucasian
Gender	Female
Height	64 inches
Weight	230 lbs
ABO Type	A Positive

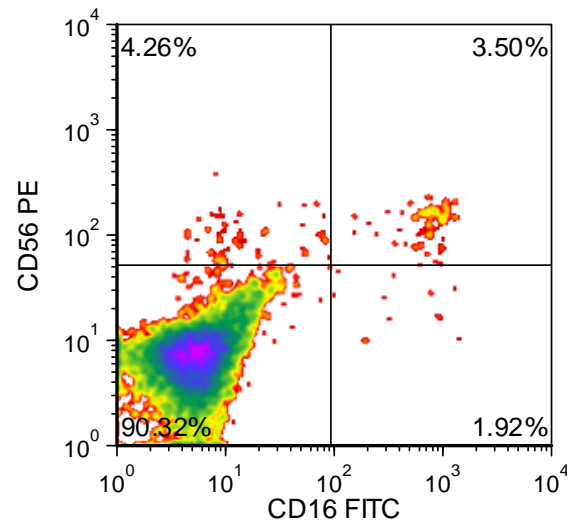
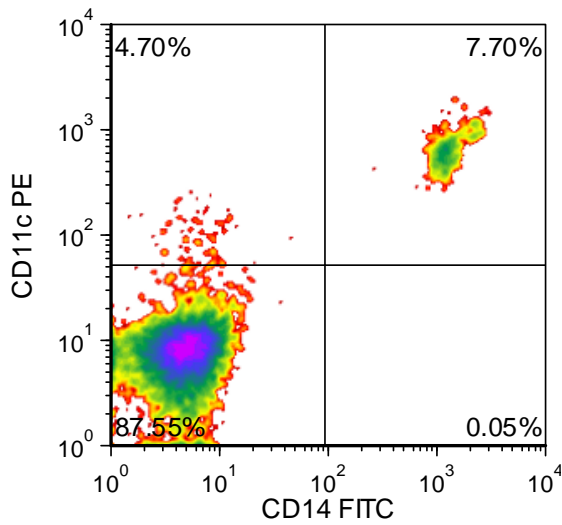
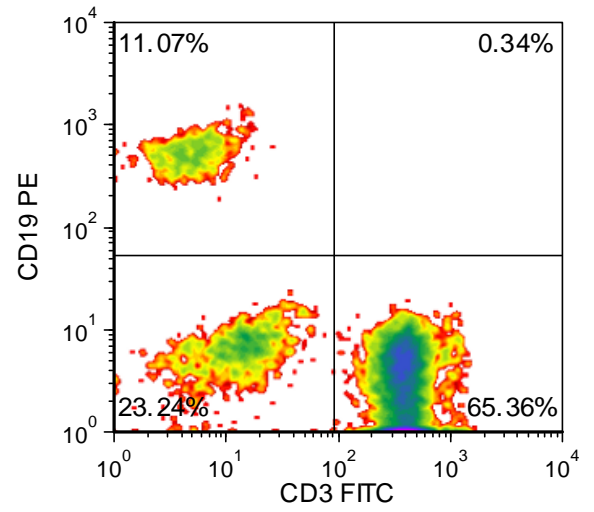
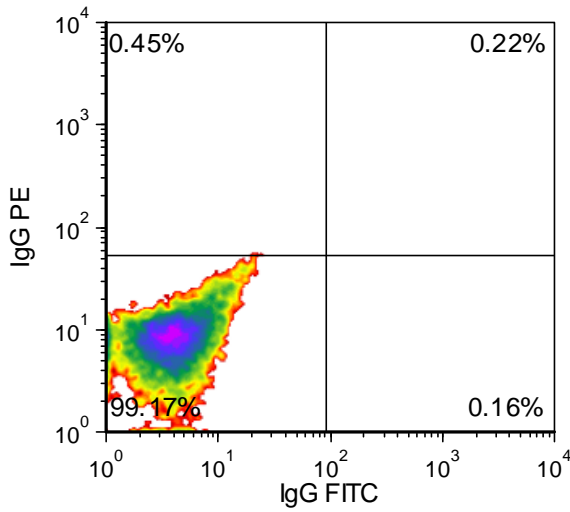
HLA typing

	Allele 1	Allele 2
HLA-A	02:01	29:02
HLA-B	40:01	44:03
HLA-C	03:04	16:01
HLA-DRB1	07:01	13:02

Note: Medications: Mycardis, Amlodipine, Atorvastatin, Blisovi, Novolog

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	1	0
Tetanus Toxoid	15	2
PHA	536677	630
LPS	3711	250
Cytomegalovirus	1	1

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