

Certificate of Analysis

Cell count	73 million per vial
Viability	98%
CD3+	67.4%
CD19+	7.2%
CD14+	12.3%
CD11c+	18.5%
CD16+	6.5%
CD56+	8.1%
Sterility	Negative for Bacteria, Yeast, and Fungi

Donor Information

Donor ID	455
Age	43
Race	Caucasian
Gender	Female
Height	64 inches
Weight	170 lbs
ABO Type	O Positive

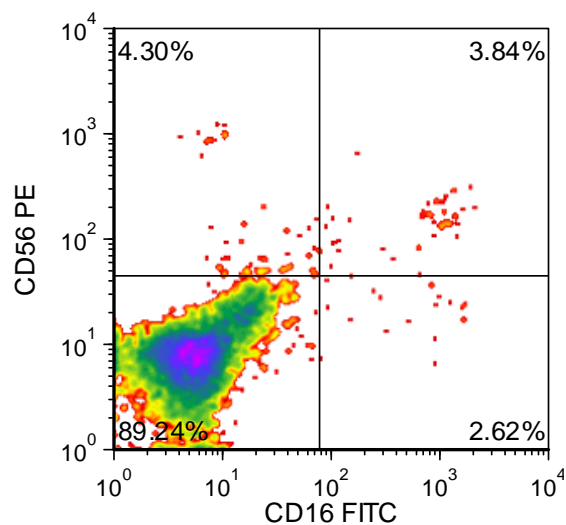
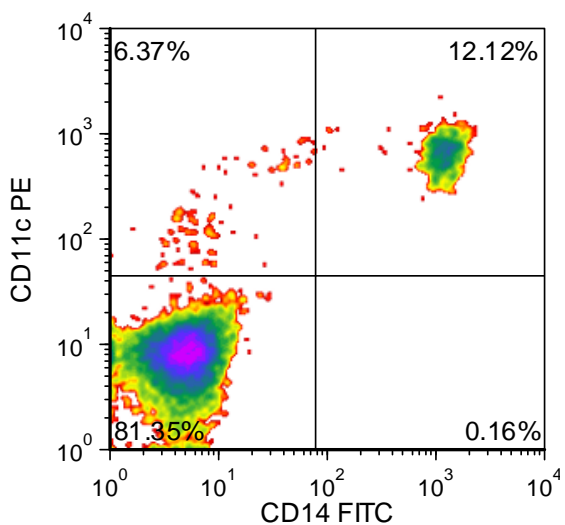
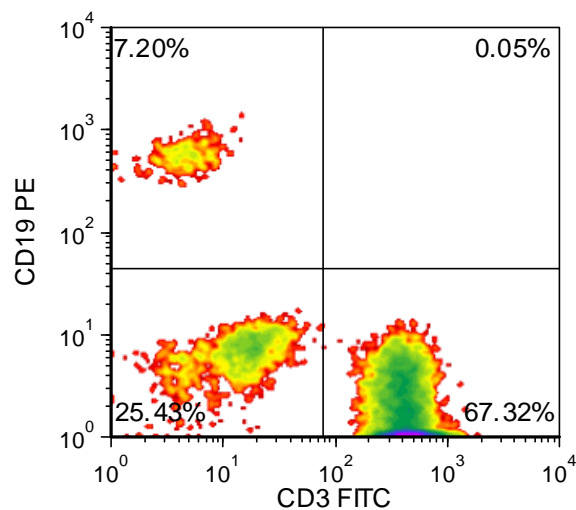
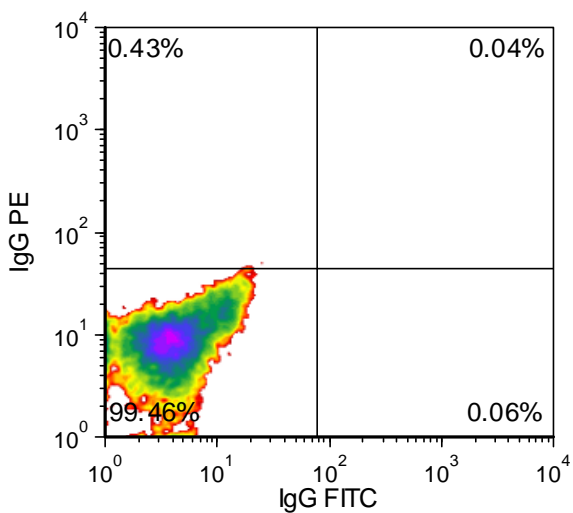
HLA typing

	Allele 1	Allele 2
HLA-A	01:01	30:02
HLA-B	08:01	18:01
HLA-C	05:01	07:01
HLA-DRB1	03:01	04:01

Note: Healthy donor taking no medications. She had osteosarcoma surgically removed in 2005.

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	0
Tetanus Toxoid	2989	23
PHA	341452	750
LPS	10574	505
Cytomegalovirus	1	1

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