

Certificate of Analysis

Cell count	11.9 million per vial
Viability	89%
CD3+	64.5%
CD19+	11.4%
CD14+	8.4%
CD11c+	13.8%
CD16+	7.8%
CD56+	6.2%
Sterility	Negative for Bacteria, Yeast, and Fungi

Donor Information

Donor ID	525
Age	52
Race	Caucasian
Gender	Female
Height	67 inches
Weight	175 lbs
ABO Type	O Positive

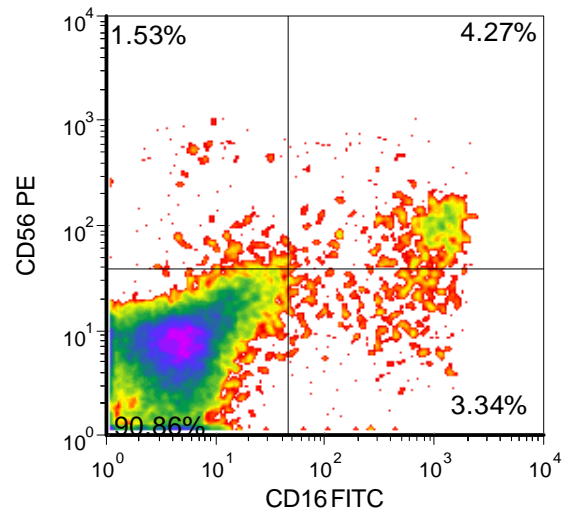
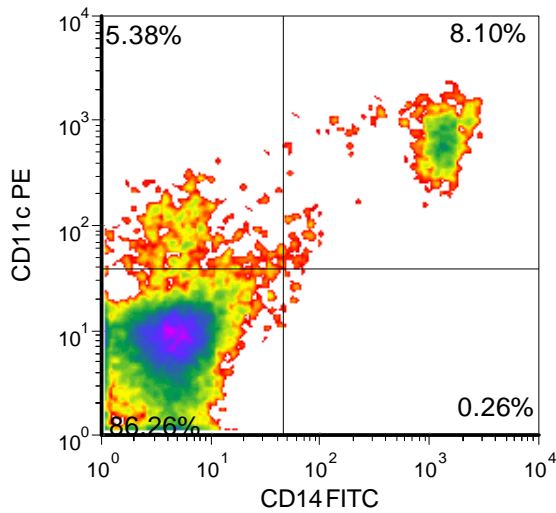
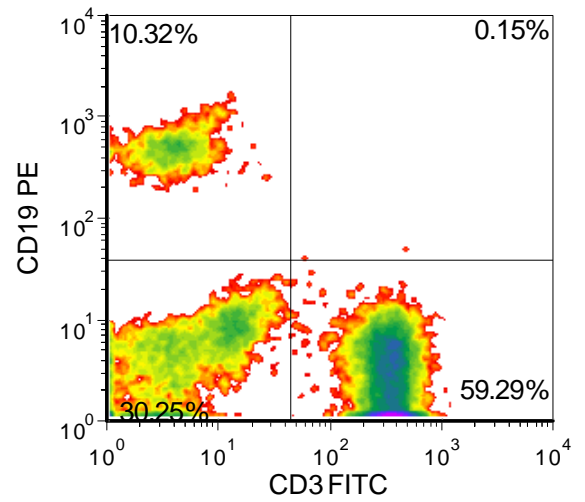
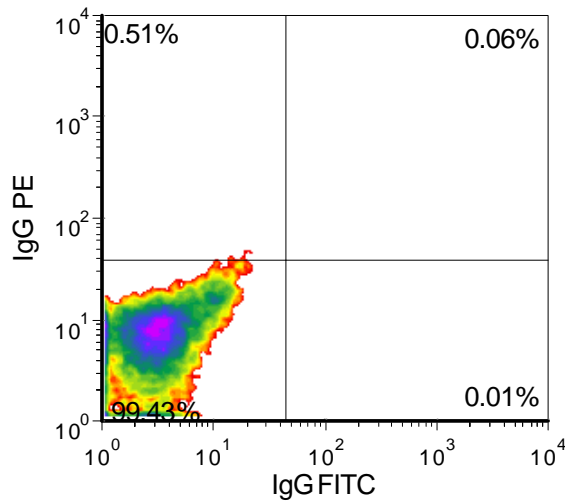
HLA typing

	Allele 1	Allele 2
HLA-A	11:01	24:02
HLA-B	15:18	55:01
HLA-C	03:03	07:04
HLA-DRB1	03:01	04:07

Note: Medications: Bi est hormone cream, Omeprozole, Zyrtec.

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	708	37
PHA	256331	695
LPS	1739	130
Cytomegalovirus	0	2

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