

Certificate of Analysis

Cell count	94 million per vial
Viability	85%
CD3+	68.5%
CD19+	9.7%
CD14+	8.4%
CD11c+	12.4%
CD16+	8.3%
CD56+	8.1%
Sterility	Negative for Bacteria, Yeast, and Fungi

Donor Information

Donor ID	488
Age	35
Race	Caucasian
Gender	Male
Height	71 inches
Weight	198 lbs
ABO Type	A Positive

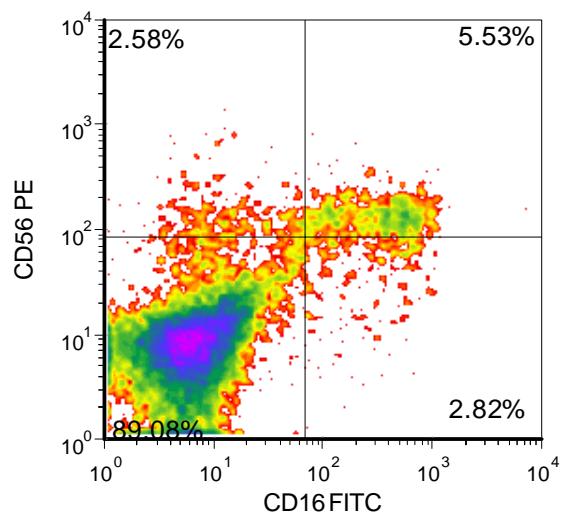
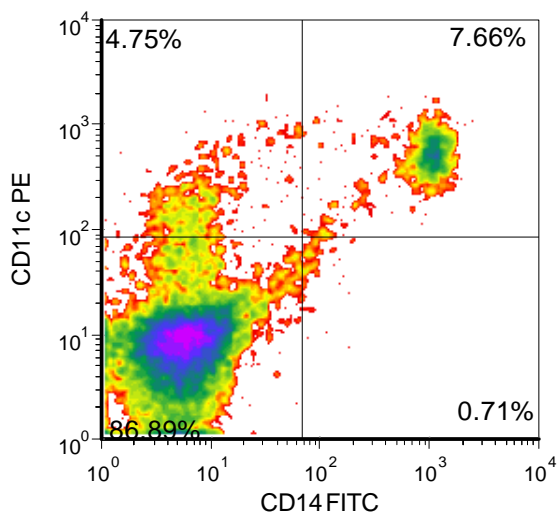
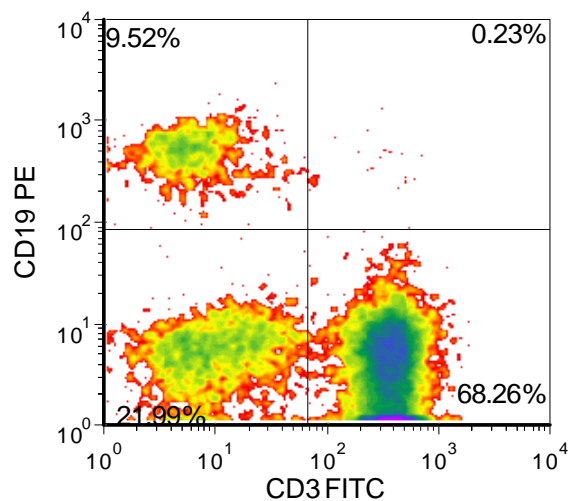
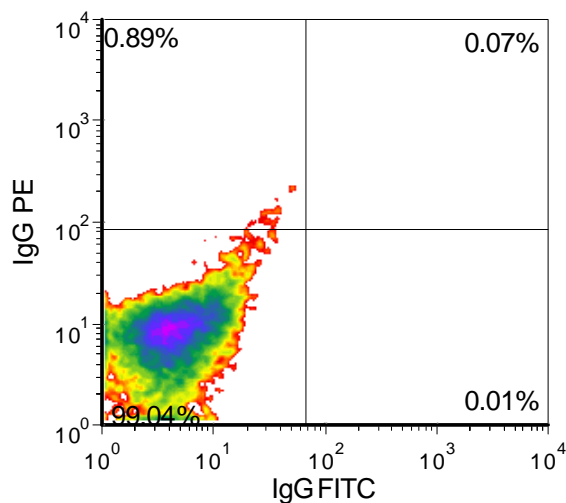
A typing

	Allele 1	Allele 2
HLA-A	02:01	24:02
HLA-B	15:01	44:03
HLA-C	03:03	16:01
HLA-DRB1	13:01	07:01

Note: Donor is positive for HPV virus infection.

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	1
Tetanus Toxoid	184	12
PHA	105193	337
LPS	1426	42
Cytomegalovirus	0	0

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