

## Certificate of Analysis

Cell count	8.1 million per vial
Viability	88%
CD3+	46.3%
CD19+	4.4%
CD14+	29.3%
CD11c+	40.8%
CD16+	8.4%
CD56+	8.6%
Sterility	Negative for Bacteria, Yeast, and Fungi

### *Donor Information*

Donor ID	496
Age	40
Race	Caucasian
Gender	Female
Height	64 inches
Weight	133 lbs
ABO Type	O Positive

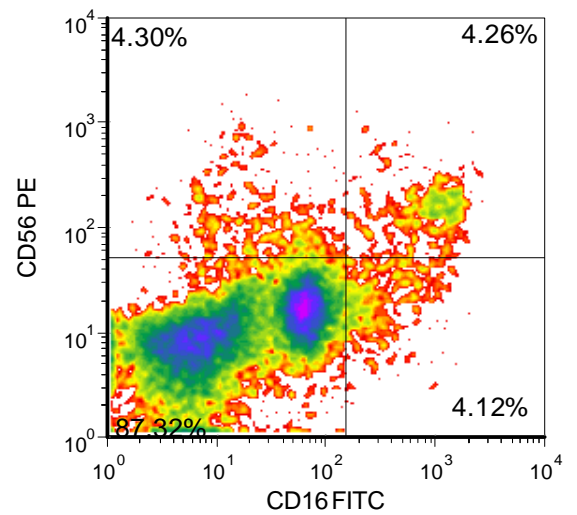
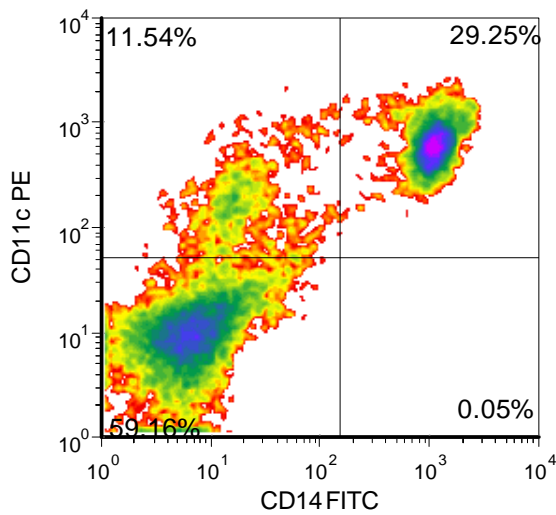
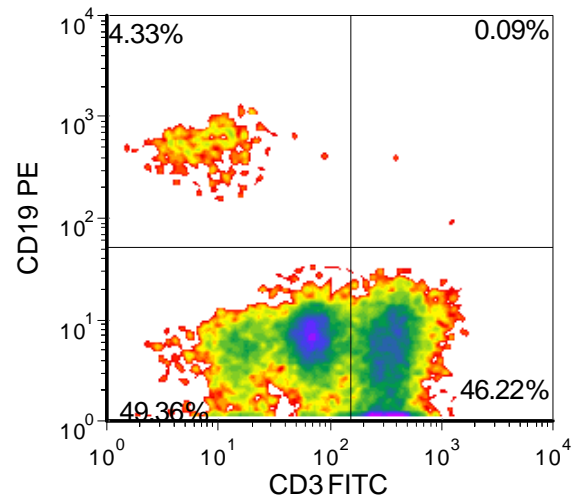
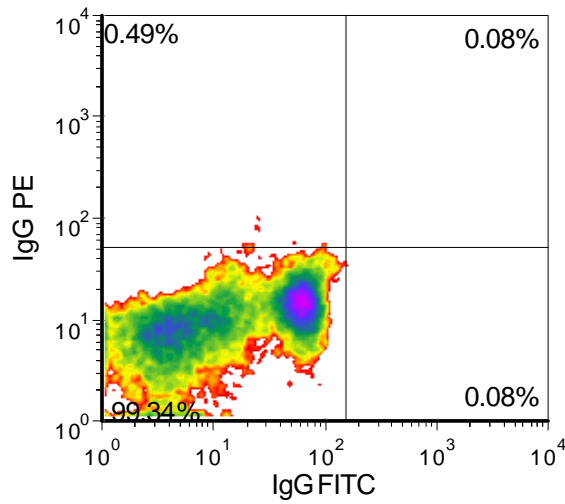
### *HLA typing*

	Allele 1	Allele 2
HLA-A	01:01	02:05
HLA-B	38:01	41:01
HLA-C	07:01	12:03
HLA-DRB1	13:01	13:05

**Note: Donor is seropositive for HPV**

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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Peripheral Blood Mononuclear Cells (HPV + Donor)  
Catalog Number: 1120  
Lot Number: 4524DE19

***Lot Specific Recall Antigen Response***

	Interferon gamma	TNF alpha
Media Control	0	2
Tetanus Toxoid	25	29
PHA	779769	1847
LPS	11718	227
Cytomegalovirus	10	3

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

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