

## Certificate of Analysis

|            |   |
|------------|---|
| Cell count | 42.3 million per vial                   |
| Viability  | 97%                                     |
| CD3+       | 32.8%                                   |
| CD19+      | 13.9%                                   |
| CD14+      | 29.8%                                   |
| CD11c+     | 43.0%                                   |
| CD16+      | 20.7%                                   |
| CD56+      | 15.2%                                   |
| Sterility  | Negative for Bacteria, Yeast, and Fungi |

### *Donor Information*

|          |            |
|----------|------------|
| Donor ID | 404        |
| Age      | 52         |
| Race     | Caucasian  |
| Gender   | Male       |
| Height   | 71 inches  |
| Weight   | 242 lbs    |
| ABO Type | A negative |

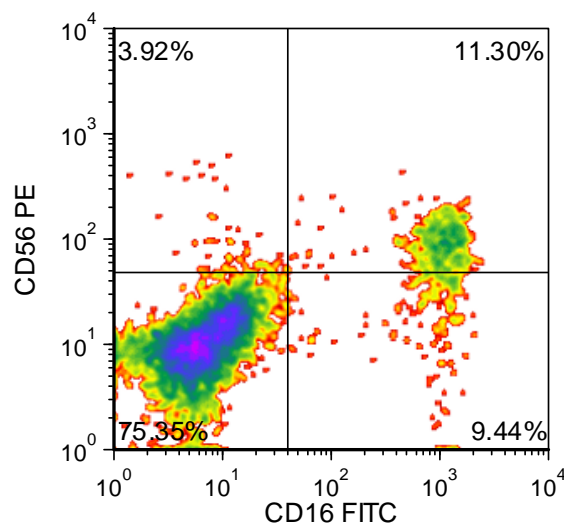
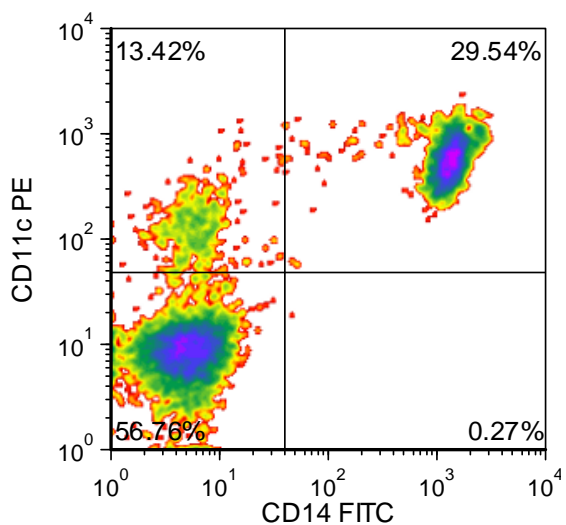
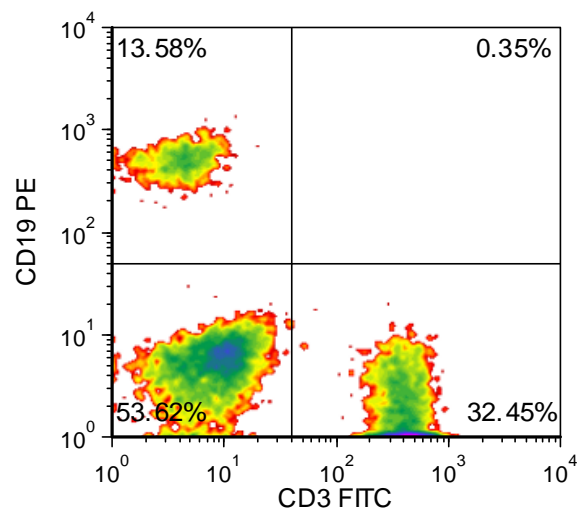
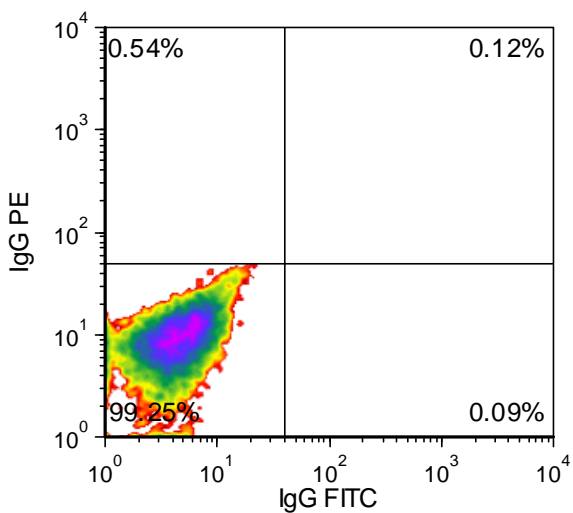
### *HLA typing*

|          | Allele 1 | Allele 2 |
|----------|----------|----------|
| HLA-A    | 02:01    | 03:01    |
| HLA-B    | 07:02    | 13:02    |
| HLA-C    | 06:02    | 07:02    |
| HLA-DRB1 | 07:01    | 15:01    |

**Note: Donor is a non-smoker and is CMV seropositive. He takes Celexa (an SSRI anti-depressant) but is otherwise healthy. His FCgRIIIa158 is F/F.**

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***

|                        | <b>Interferon gamma</b> | <b>TNF alpha</b> |
|------------------------|-------------------------|------------------|
| <b>Media Control</b>   | <b>2</b>                | <b>2</b>         |
| <b>Tetanus Toxoid</b>  | <b>665</b>              | <b>53</b>        |
| <b>PHA</b>             | <b>1019408</b>          | <b>2484</b>      |
| <b>LPS</b>             | <b>21588</b>            | <b>1625</b>      |
| <b>Cytomegalovirus</b> | <b>209</b>              | <b>8</b>         |

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