|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
|  | Healthy Volunteers | UC Flare | Anti-CTLA-4 /PD-1 Baseline | Anti-CTLA-4 /PD-1  Colitis | Anti-CTLA-4/PD-1  Nil Adverse Events Baseline | Anti-CTLA-4/PD-1  Nil Adverse Events  Weeks 7-10 |
| **NK Cells ( % Lymphocytes)** | 6  (3-9) | 3  (1-4) | **11**  **(8-13)\*** | **11**  **(7-18)\*\*** | 18  (9-28) | **15**  **(12-15)\*\*** |
| **B-cells ( % Lymphocytes)** | 9  (8-11) | 13  (7-19.) | 13  (8-34) | 11  (8-22) | 28  (12-43) | 22  (7-34) |
| **Plasmablasts (% CD19+ Lymphocytes)** | 0  (0-2) | **19**  **(2-50)\*\*** | 0  (0-1) | 0  (0-6) | 0  (0-1) | 1  (0-2) |
| **T-cells ( % Lymphocytes)** | 81  (75-85) | 83  (78-89) | **63**  **(44-70)\*\*** | **68**  **(57-76)\*** | **53**  **(25-56)\*\*** | **59**  **(33-65)\*\*** |
| **CD4+ T-cells (% Live T cells)** | 63  (56-69) | **69**  **(66-86)\*** | 73  (56-84) | 60  (55-79) | 58  (45-69) | 53  (48-72) |
| ***Naïve (%CD4+ T cells)*** | 56  (48-67) | 58  (51-70) | 50  (30-62) | 37  (28-61) | **17**  **(13-27)\*\*** | **24**  **(11-29)\*\*** |
| ***Memory (%CD4+ T cells)*** | 43  (33-51) | 41  (30-49) | 48  (34-69) | 59  (38-72) | **83**  **(73-87)\*\*** | **76**  **(71-89)\*\*** |
| *Activated*  *(%Memory CD4+ T cells)* | 1  (1-2) | **2**  **(1-3)\*** | 0  (0-1) | **4**  **(2-7)\*\*††** | 1  (1-2) | **5**  **(3-11)\*¶¶** |
| ***T-reg (%CD4+ T cells)*** | 4  (2-6) | 4  (3-5) | 3  (2-6) | 5  (3-6) | 4  (2-5) | 5  (3-11) |
| *Memory (%Treg)* | 7  (6-9) | 6  (5-7) | 7  (4-10) | 7  (6-11) | **5**  **(2-6)\*\*** | 5  (2-9) |
| **CD8 T-cells (% Live T cells)** | 25  (22-35) | 25  (11-27) | **16**  **(11-27)\*** | 24.8  (15.40-35.10) | 26  (19-41) | 23  (14-37) |
| ***Naïve (%CD8+ T cells)*** | 51  (41-64) | **42**  **(24-50)\*** | **20**  **(4-39)\*\*** | **13**  **(2-28)\*\*** | **16**  **(10-22)\*\*\*** | **14**  **(5-27)\*\*\*** |
| ***Memory (%CD8+ T cells)*** | 34  (28-44) | 39  (28-46) | **54**  **(34-67)\*** | **61**  **(44-82)\*\*** | **59**  **(35-69)\*** | **50**  **(37-74)\*\*** |
| *Activated*  *(%Memory CD8+ T cells)* | 3  (1-8) | 10  (5-13) | **0**  **(0-2)\*** | **11**  **(8-15)†** | 1  (1-4) | **8**  **(5-21)¶¶** |
| ***TEMRA (%CD8+ T cells)*** | 13  (4-16) | 17  (13-23) | 8  (3-30) | 19  (1-33) | 18  (12-47) | **31**  **(9-46)\*** |
| *Activated*  *(%TEMRA)* | 5  (2-8) | **19**  **(12-21)\*\*** | **0**  **(0-0)\*\*** | 0  (0-19) | 3  (1-6) | 5  (4-13) |
| **MAIT cells (%Live T cells)** | 1  (1-1) | **0**  **(0-0)\*\*** | **0**  **(0-0)\*\*** | **0**  **(0-0)\*\*** | 1  (1-3) | 1  (0-2) |