**Supplementary Table S3. Univariate analysis of body fluids immune cell subset for overall survival**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| 　 | 　 | No | HR | 95% CI | *P* |
| CD3CD45RO+/CD3 (%) | <62.5% | 16 | 1 | 　 | 　 | 0.027 |
| 　 |  ≥62.5% | 21 | 2.35  | 1.10  | 5.00  | 　 |
| CD4CD45RO+/CD4 (%) | <85.6% | 22 | 1 | 　 | 　 | 0.006 |
| 　 |  ≥85.6% | 15 | 2.78  | 1.34  | 5.76  | 　 |
| CD3CD25+/CD3 (%) | <0.6% | 10 | 1 |  |  | 0.117 |
|  |  ≥0.6% | 27 | 2.05  | 0.84  | 5.05  |  |
| CD4CD25+/CD4 (%) | <2.4% | 10 | 1 | 　 | 　 | 0.022 |
| 　 |  ≥2.4% | 27 | 2.87  | 1.16  | 7.09  | 　 |
| CD3CD69+/CD3 (%) | <7.2% | 22 | 1 |  |  | 0.25 |
|  |  ≥7.2% | 15 | 0.64  | 0.29  | 1.38  |  |
| CD4CD69+/CD4 (%) | <4% | 13 | 1 |  |  | 0.106 |
|  |  ≥4% | 24 | 1.96  | 0.87  | 4.41  |  |
| CD3-HLA-DR+/CD3 (%) | <21.8% | 13 | 1 | 　 | 　 | 0.002 |
| 　 |  ≥21.8% | 24 | 3.84  | 1.61  | 9.17  | 　 |
| CD4HLA-DR+/CD4 (%) | <17.9% | 16 | 1 | 　 | 　 | 0.011 |
| 　 |  ≥17.9% | 21 | 2.73  | 1.26  | 5.92  | 　 |
| CD3 LAG3+/CD3 (%) | <6.4% | 24 | 1 |  |  | 0.333 |
|  |  ≥6.4% | 13 | 1.45  | 0.69  | 3.06  |  |
| CD4 LAG3+/CD4 (%) | <4.3% | 15 | 1 |  |  | 0.371 |
|  |  ≥4.3% | 22 | 1.40  | 0.67  | 2.93  |  |
| CD3 TIM3+/CD3 (%) | <0.7% | 13 | 1 |  |  | 0.053 |
|  |  ≥0.7% | 24 | 0.47  | 0.22  | 1.01  |  |
| CD4 TIM3+/CD4 (%) | <1.2% | 24 | 1 |  |  | 0.089 |
| 　 |  ≥1.2% | 13 | 1.91  | 0.91  | 4.05  | 　 |

CD, cluster of differentiation; No, number; HR, hazard ratio; CI, confidence interval; P, p-value