**Table 1** Details for scoring of the background immune cells(ICs) with associated biomarkers in CHL （n=52）

|  |  |
| --- | --- |
|  | **Density and scoring of ICs cells** |
| **percentage Range (%)** | **Average (%)** | **1+（%）**  | **2+（%）**  | **3+（%）**  |
| **CD4+Ths**  | 3.0～60.0  | 21.4 | 3 (5.6) | 33 (61.1) | 18(33.3) |
| **FOXP3+Tregs** | 0.5～40.0 | 12.6  | 9 (16.7) | 42 (77.8) | 3(5.6) |
| **CD8+ CTLs** | 3.0～65.0 | 22.0 | 1 (1.9) | 34 (63.0) | 19(35.2) |
| **CD163+TAMs**  | 1.0～50.0 | 15.2  | 12 (22.2) | 34 (63.0) | 8(14.8) |

Note：CD4+ Ths (T helper cells), CD8+ CTLs (cytotoxic T cells), FOXP3+ regulatory T cells (Tregs) and CD163+ TAMs (tumor associated macrophages). The relative percentage of positively stained ICs by certain makers in relation to overall cellularity in tumor cell regions were calculated and grade IHC score as: <5%= 1+, 5%-25%= score 2+, >25% = score 3+.