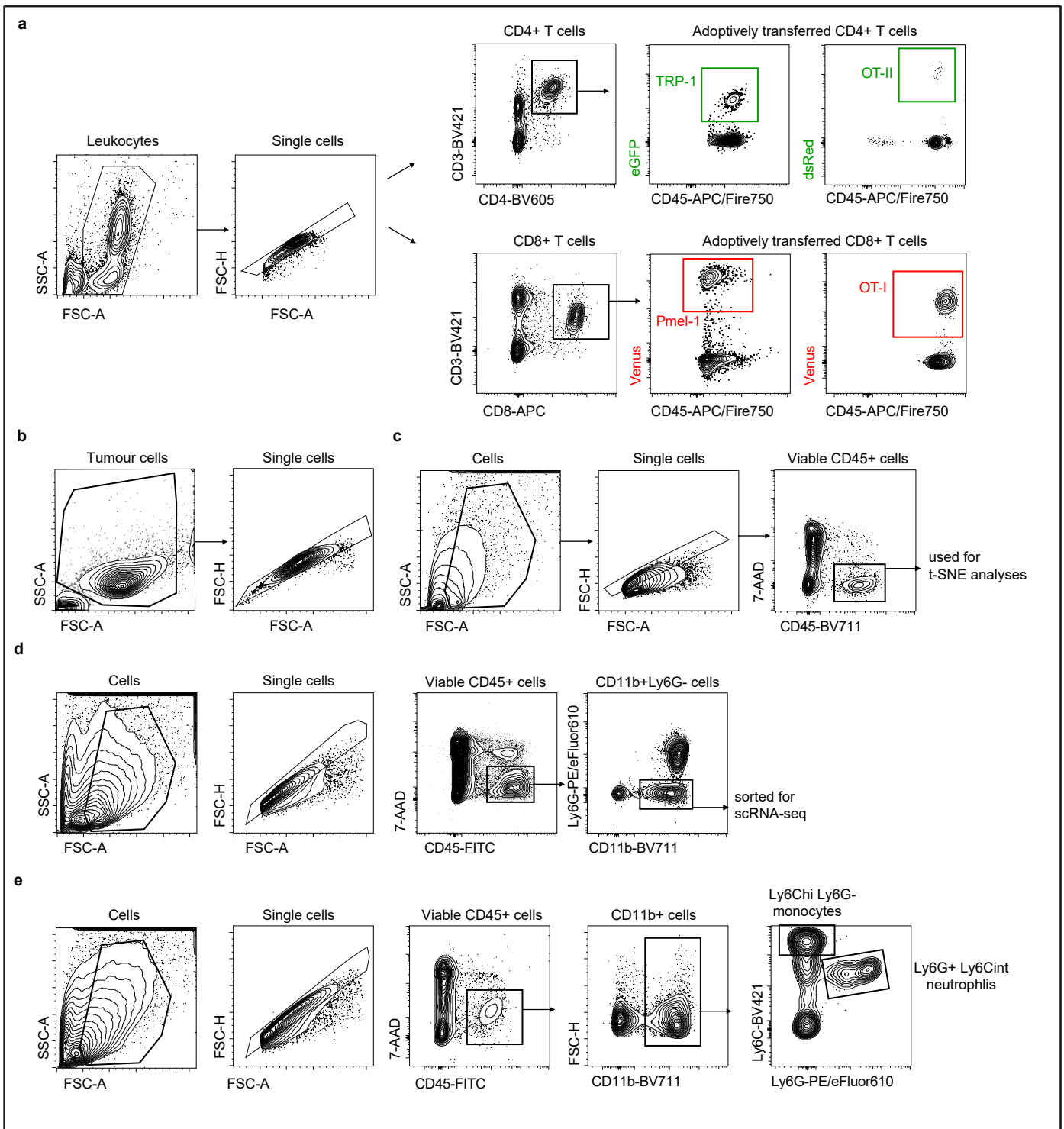

Supplementary information

CD4⁺ T cell-induced inflammatory cell death controls immune-evasive tumours

In the format provided by the authors and unedited



Supplementary Figure 1 | Gating strategies used for flow cytometric analyses and cell sorting.

a, Gating strategy to determine the percentage of adoptively transferred TRP-1, Pmel-1, OT-II or OT-I T cells out of all CD4+ or CD8+ T-cells, presented in Extended Data Fig. 2b and Extended Data Fig. 3g. **b**, Gating strategy to determine single tumour cells from *in vitro* cultures, used for further analysis on MHC-I and MHC-II expression, presented in Extended Data Fig. 2j and Extended data Fig. 3a, and cell death assays presented in Figure 4e,f and Extended Data Fig. 9g,h. **c**, Gating strategy to determine viable CD45+ immune cells used for subsequent t-SNE analyses, presented in Figure 1j,p; Figure 3f; Extended Data Fig. 2g,h, Extended Data Fig. 3d,e and Extended Data Fig. 7g,h. **d**, Gating strategy to sort viable CD45+CD11b+Ly6G- myeloid cells for single cell RNA-sequencing analyses presented in Figure 3a-e and Extended Data Fig. 7a-f. **e**, Gating strategy to determine the cells per mg tumour weight of Ly6ChiLy6G- monocytes and Ly6G+Ly6Cint neutrophils, presented in Extended Data Fig. 8b,g; Extended Data Fig. 9e, and the percentage of iNOS-expressing Ly6ChiLy6G- monocytes and Ly6G+Ly6Cint neutrophils, presented in Figure 3h,k and Extended Data Fig. 8b,g.

Supplementary Table 1: sgRNA sequences used for CRISPR/Cas9-mediated cell engineering

Guide sequence <i>Jak1</i> #1	TCCGTCTTGGGGTCCCGAAT
Guide sequence <i>Jak1</i> #2	CTCCGTCTTGGGGTCCCGAA
Guide sequence <i>Jak1</i> #3	GTTCTCGGCAATACGTTAC
Guide sequence <i>Ciita</i> #1	GGGGTCTGGCATCACTGTTA
Guide sequence <i>Trp1</i> #1	GAGCCGCCATTATCCCCACGA
Guide sequence <i>Trp1</i> #2	GACTGTGGGACTTGCCGTCCT
Guide sequence <i>Trp1</i> #3	GAACTGTGGGACTTGCCGTCC
Guide sequence <i>Tyr</i> #1	GAATGCTGCCACCATGGAT