

## **Supplementary Information for**

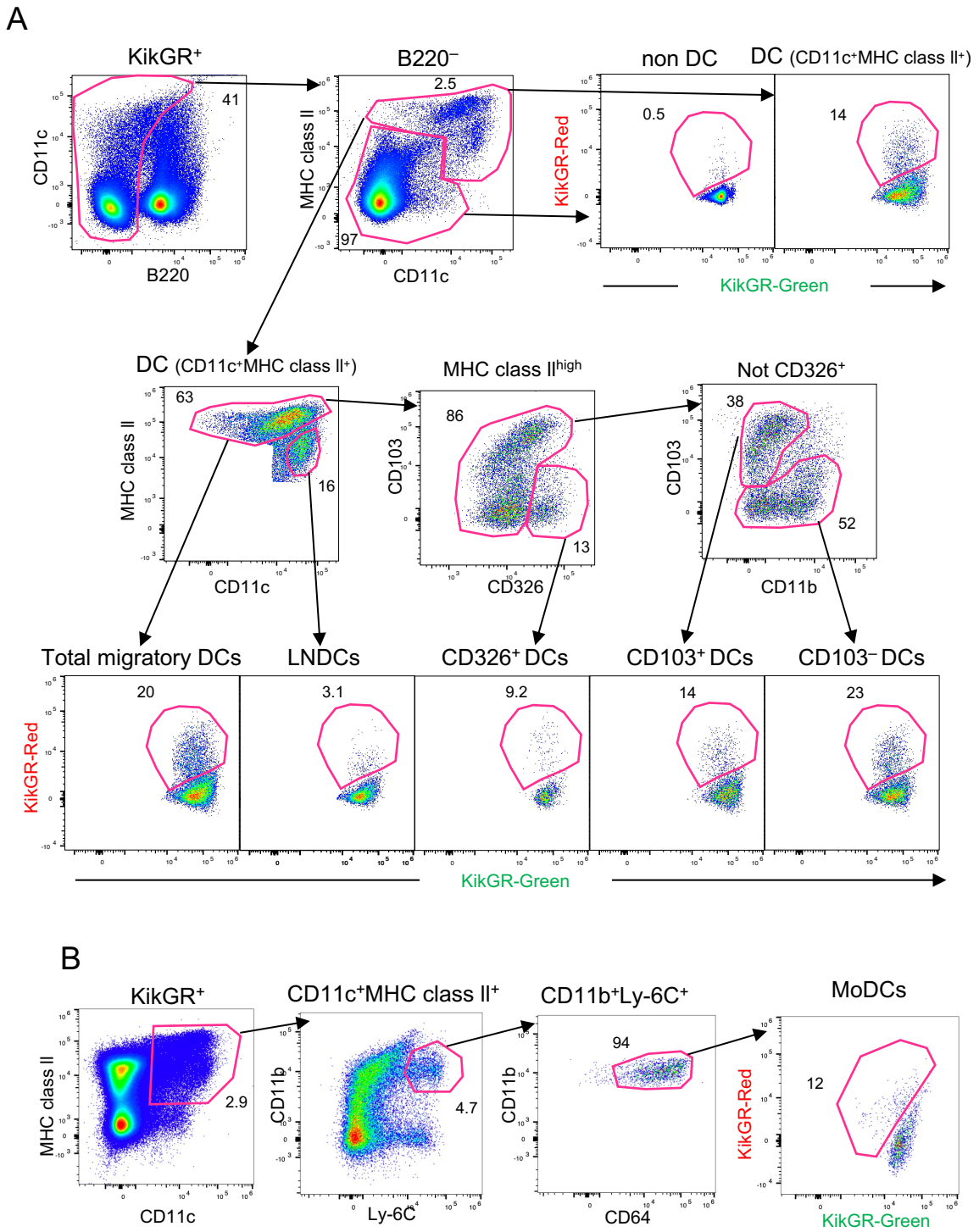
### **Near-infrared photoimmunotherapy induced tumor cell death enhances tumor dendritic cell migration**

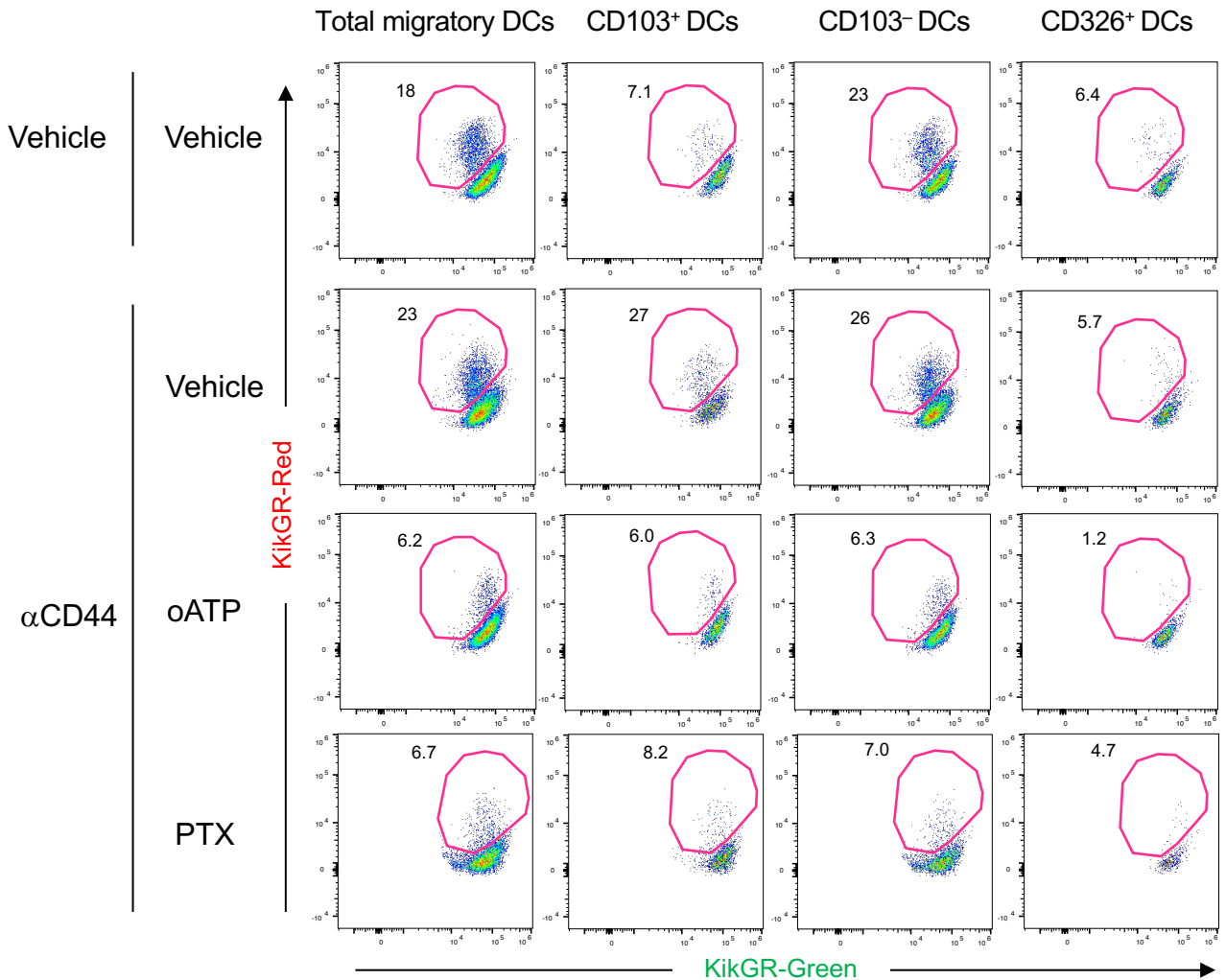
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**Supplementary Fig. 1; related to Fig. 2  
Gating strategies for DC subsets in dLN.**

**Supplementary Fig. 2; related to Fig. 3  
Enhanced Ti-DC migration induced by NIR-PIT is inhibited by blocking of ATP-P2X7R and G $\alpha$ i signaling pathways.**

**Supplementary Table 1; related to Materials and methods  
Antibodies for flow cytometry.**





**Supplementary Fig. 2 related to Fig. 3. Enhanced Ti-DC migration induced by NIR-PIT is inhibited by blocking of ATP-P2X7R and Gαi signaling pathways.**

Representative flow cytometry plots of total migratory, CD103<sup>+</sup>, CD103<sup>-</sup>, CD326<sup>+</sup> DCs in dLNs of tumors inoculated in KikGR mice 24 hours following NIR light and violet light irradiation of tumors and indicated treatments. Numbers in dot plots indicate frequencies of gated population (%) of parent population. Data are representative of two independent experiments.

**Supplementary Table 1 related to Materials and methods.  
Antibodies for flow cytometry.**

Antibody	Clone	Fluorochrome
CD11b	M1/70	PerCP-Cy5.5
CD11c	N418	APC
CD45R (B220)	RA3-6B2	AlexaFluor 700
CD64	X54-5/7.1	Brilliant Violet 421
CD103	2E7	Brilliant Violet 421 / APC-R700
CD326	G8.8	APC-Cy7
I-A/I-E	M5/114. 15. 2	PE-Cy7 / Brilliant Violet 510
Ly-6C	HK1.4	APC-Cy7