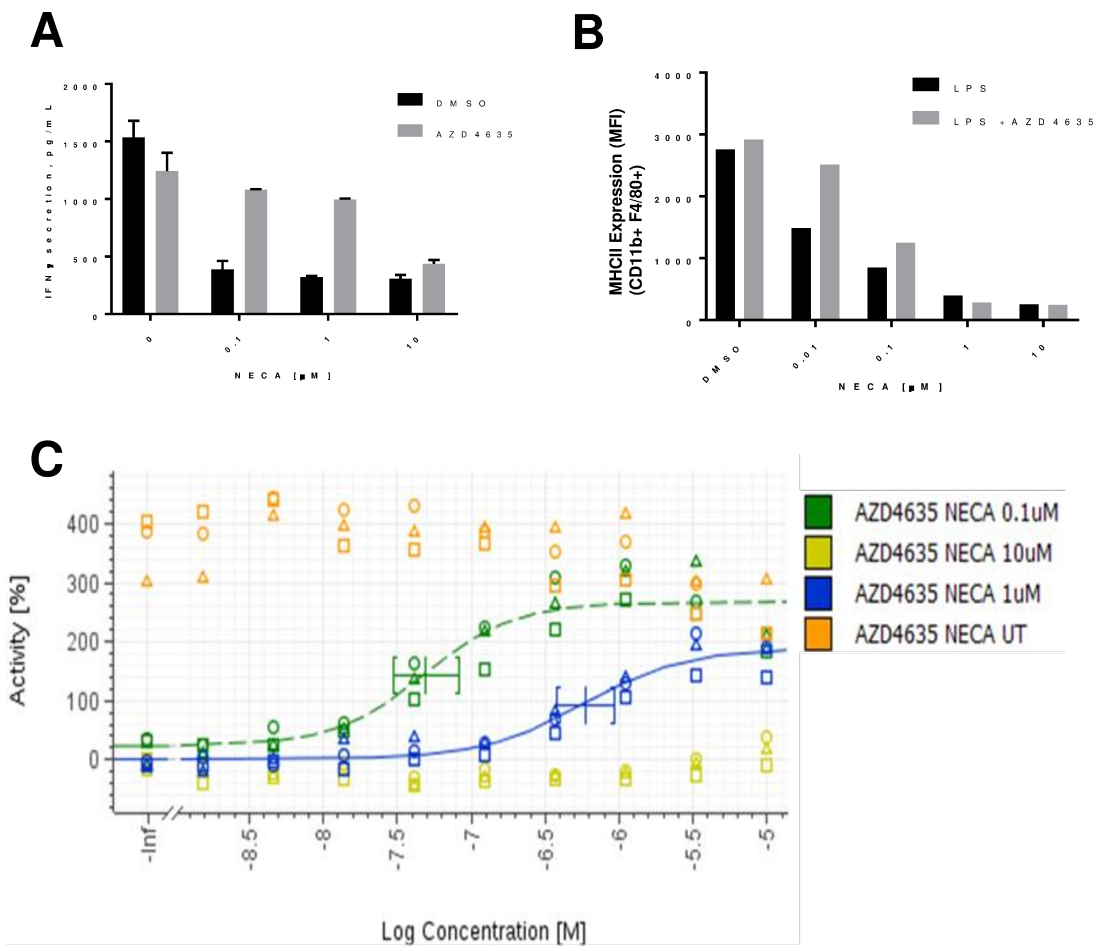
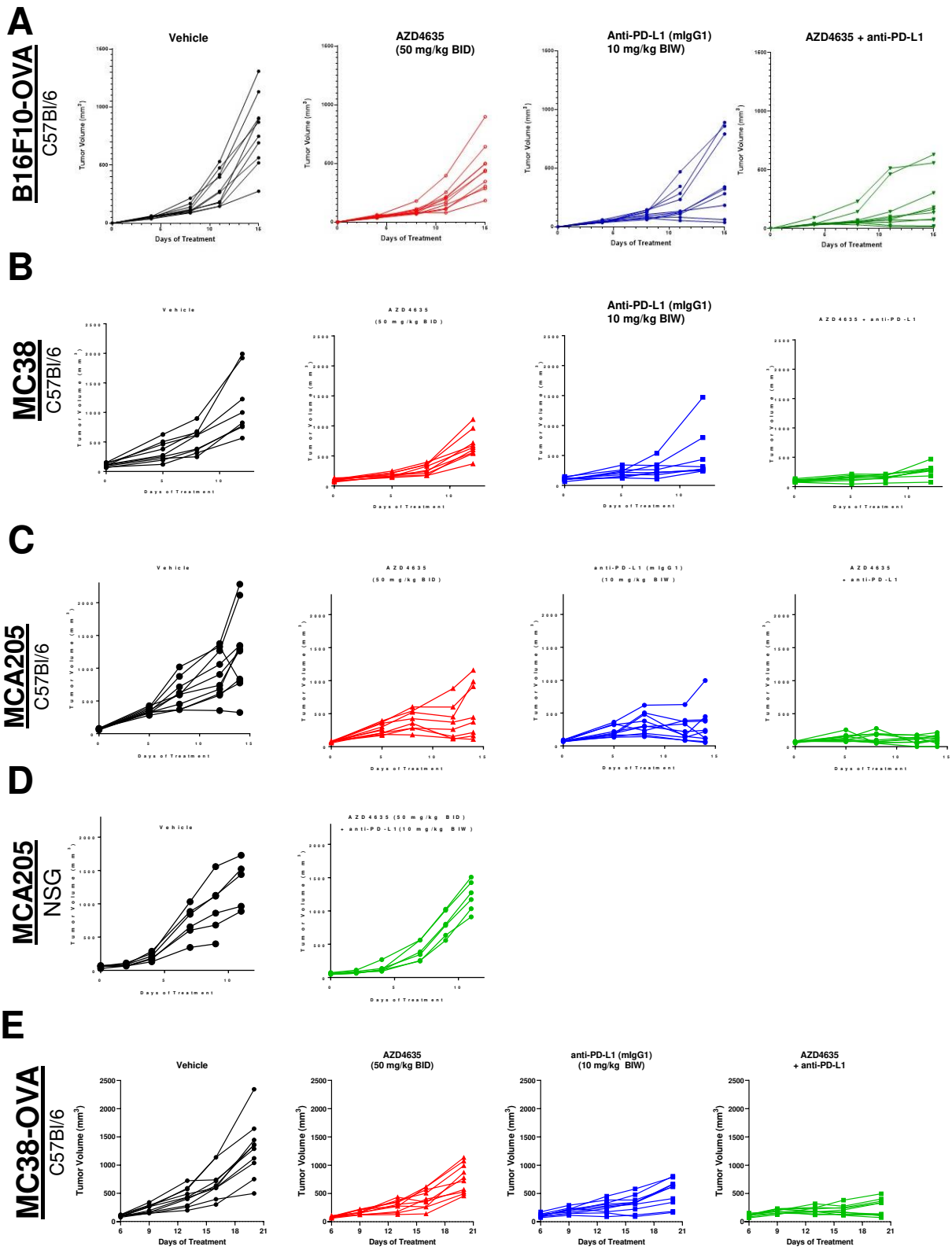
Supplemental Figure 1



EC_{50} (μM) of AZD4635 in the mouse CD8+ T cell IFNγ secretion assay

NECA (μM)	AZD4635 EC_{50} (nM) mean ± SD, n=3
10	>10
1	0.598 ± 0.067
0.1	0.053 ± 0.015

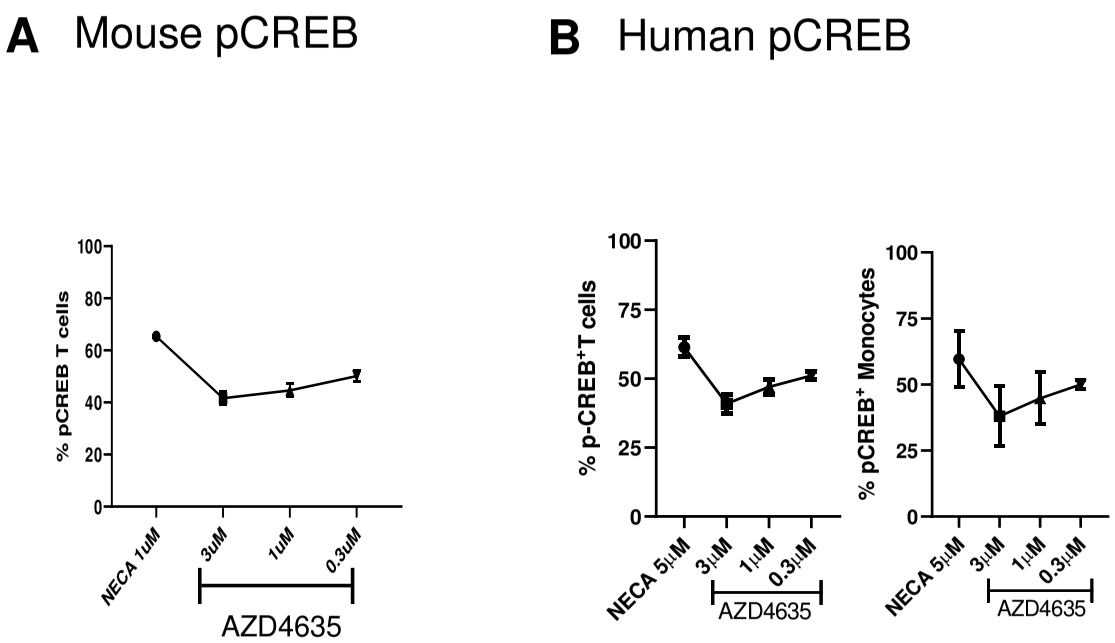
Supplemental Figure 2



Supplemental Figure 3

Macrophage and DC phenotyping					MC38-OVA TIL ImmunoPhenotyping			
Antibody	Fluor	Vendor	Clone		Antibody	Fluor	Vendor	Clone
CD45	BUV395	BD Bioscience	30-F11		CD103	BUV395	BD Biosciences	M290
CD11b	BUV737	BD Bioscience	M1/70		LIVE/DEAD Fixable Blue	450/50	ThermoFisher	N/A
F4-80	BV605	Biolegend	BM8		CD4	BUV496	BD Biosciences	GK1.5
CD3	BV650	BD Bioscience	17A2		CD11b	BUV737	BD Biosciences	M1/70
MHCII	AF488	Biolegend	M5/114.15.2		FoxP3	efluor450	ThermoFisher	FJK-16s
PD1	PE-Dazzle594	Biolegend	29F.1A12		NKp46	BV510	Biolegend	29A1.4
CD86	PE-Cy7	BD Bioscience	GL1		F4-80	BV605	Biolegend	BM8
CD11c	APC	Biolegend	N418		CD11c	BV650	Biolegend	N418
CD8	APC-H7	BD Bioscience	53-6.7		Ly6G	BV711	Biolegend	1A8
					CD3	BV786	Biolegend	17A2
					CD8a	AF488	BioRad	KT15
CD103+ DC sorting					CD45	PerCP-Cy5.5	BD Biosciences	30-F11
Antibody	Fluor	Vendor	Clone		Ly6C	PE	BD Biosciences	AL-21
CD11c+	PerCPCy5.5	Biolegend	N418		CD19	PE-CF594	BD Biosciences	1D3
CD45	APC-Cy7	Biolegend	30.F11		CD25	PE-Cy7	Biolegend	PC61
CD8a	APC	BD Biosciences	53.6-7		Tetramer Kb-SIINFEKL	APC	MBL	N/A
CCR7	PE-Cy7	Biolegend	4B12		Tetramer Kb-KSPWFTTL	APC	MBL	N/A
CD103	BV421	Biolegend	2E.7		MHCII (I-A/I-E)	AF700	Biolegend	M5/114.15.2
CLEC9A	PE	Biolegend	25-D1-16		CD86	APC-Fire750	Biolegend	GL1
ReadyProbes Propidium Iodide	N/A	ThermoFisher	N/A					
						MC38-OVA MHC CL.II OVA Tetramer		
OT-I T cell Proliferation					LIVE/DEAD Fixable Blue	450/50	ThermoFisher	N/A
Antibody	Fluor	Vendor	Clone		CD3	BV786	Biolegend	17A2
CFSE	N/A	ThermoFisher	N/A		CD4	BUV496	BD Biosciences	GK1.5
LIVE/DEAD Fixable Aqua	N/A	ThermoFisher	N/A		OVA 323-339 Tetramer	PE	MBL	N/A
CD3	PE-Cy7	ThermoFisher	145-2C11		CD11b	BUV737	BD Biosciences	M1/70
CD8	APC	BD Biosciences	53.6-7					
	OVA antigen presentation					Ex vivo stim and OT-I T cell function		
Antibody	Fluor	Vendor	Clone		Antibody	Fluor	Vendor	Clone
LIVE/DEAD Fixable Aqua	N/A	ThermoFisher	N/A		CD107a	BUV395	BD Biosciences	1D4b
CD11c	APC-Cy7	Biolegend	N418		LIVE/DEAD Fixable Blue	450/50	ThermoFisher	N/A
CD103	BV421	Biolegend	2E.7		CD4	BUV496	BD Biosciences	GK1.5
CLEC9A	PE	Biolegend	7H11		CD11b	BUV737	BD Biosciences	M1/70
K^b-bound to SIINFEKL	PE-Cy7	Biolegend	25-D1-16		IFNg	BV421	Biolegend	XMG1.2
					NKP46	BV510	Biolegend	29A1.4
					CD3	BV786	Biolegend	17A2
					TNFa	AF488	ThermoFisher	MP6-XT22
					CD45	PerCP-Cy5.5	BD Biosciences	30-F11
					IL-2	PE	BD Biosciences	JES6-5H4
					KI-67	PE-Cy7	ThermoFisher	SolA15
					Granzyme B	AF647	Biolegend	GB11
					CD8a	APC-H7	BD Biosciences	53-6.7

Supplementary Figure 4



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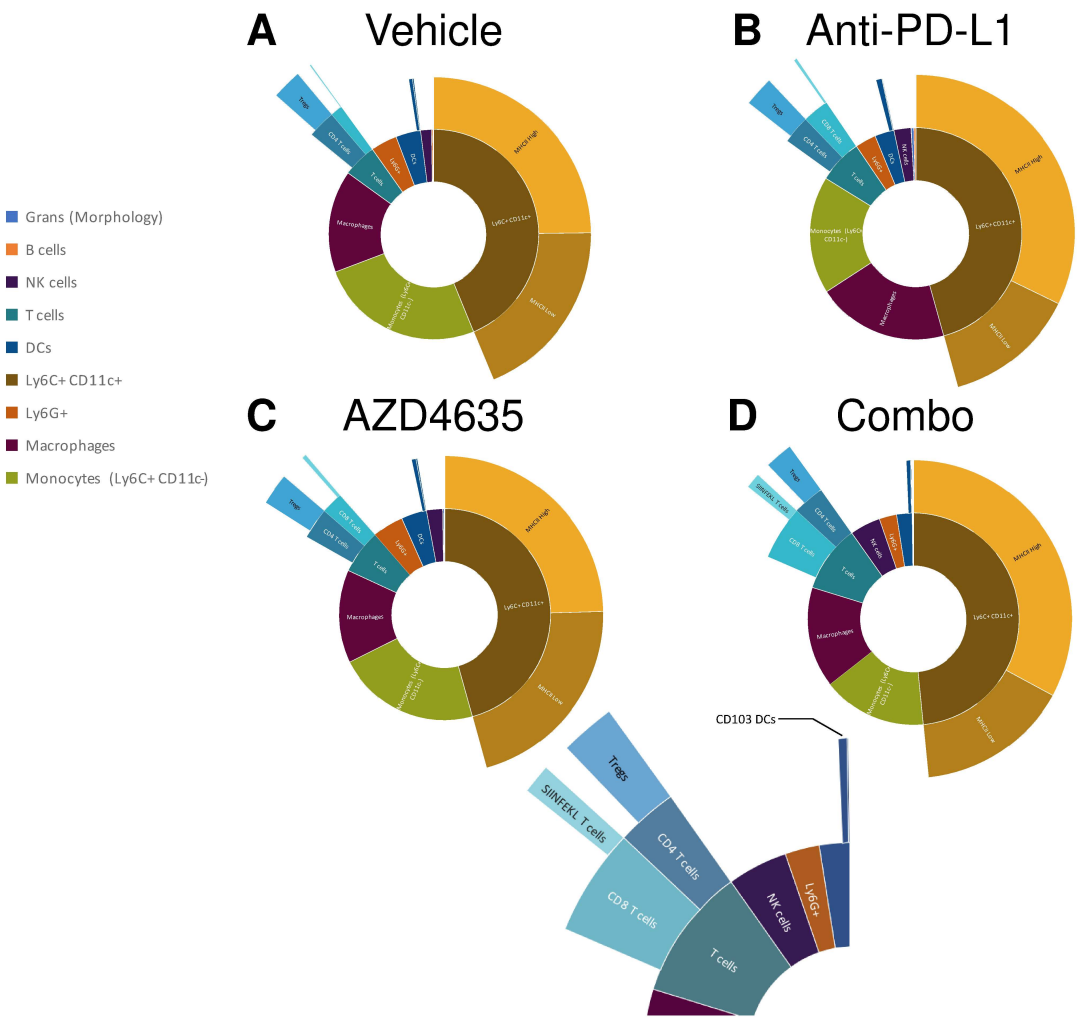
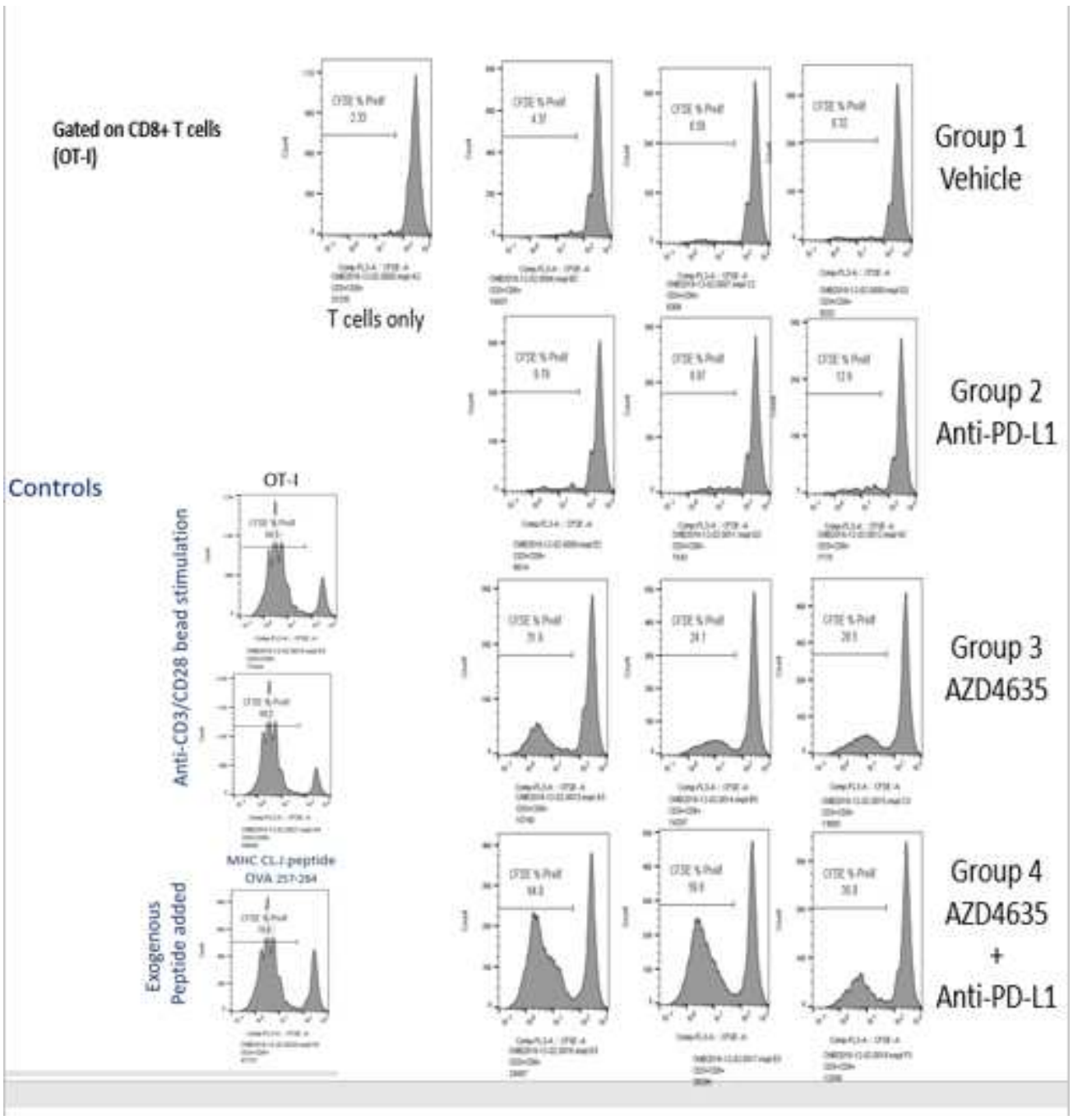
Borodovsky A, *et al*. *J Immunother Cancer* 2020; 8:e000417. doi: 10.1136/jitc-2019-000417

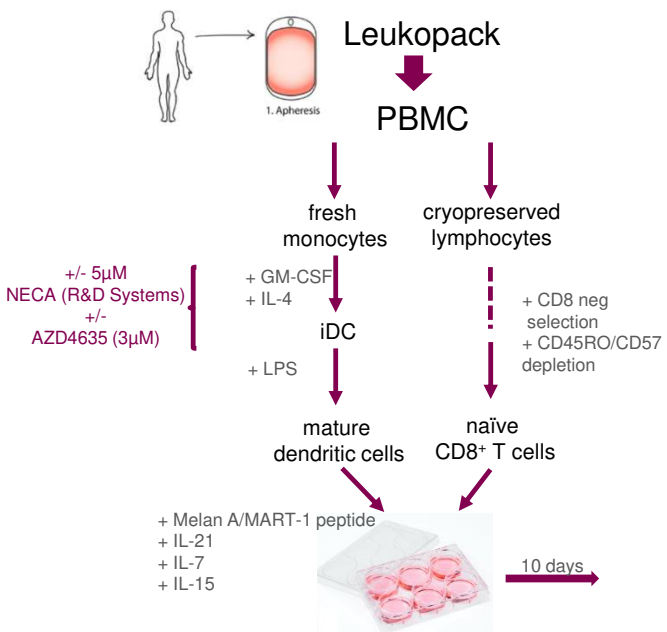
Supplemental Figure 5.



Supplemental Figure 6

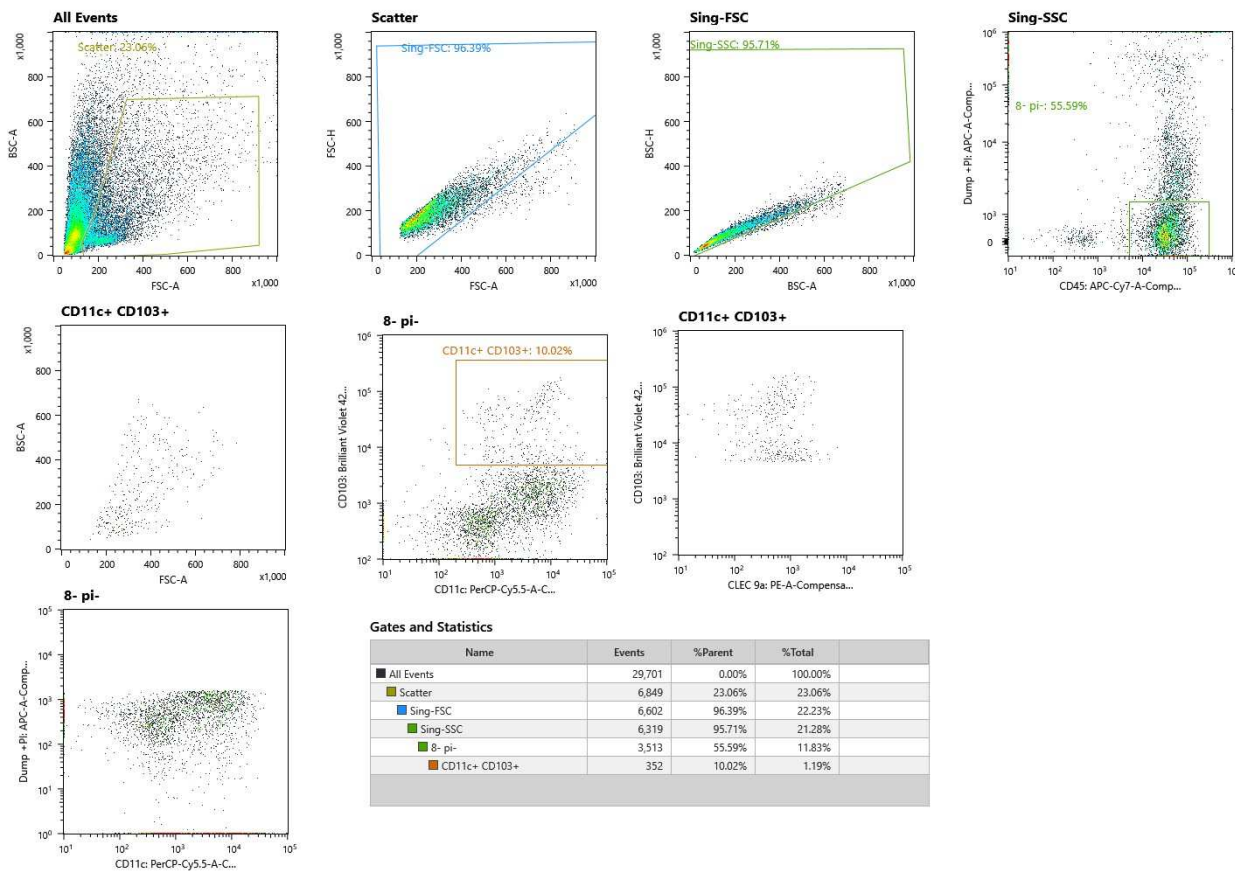


Supplemental Figure 7

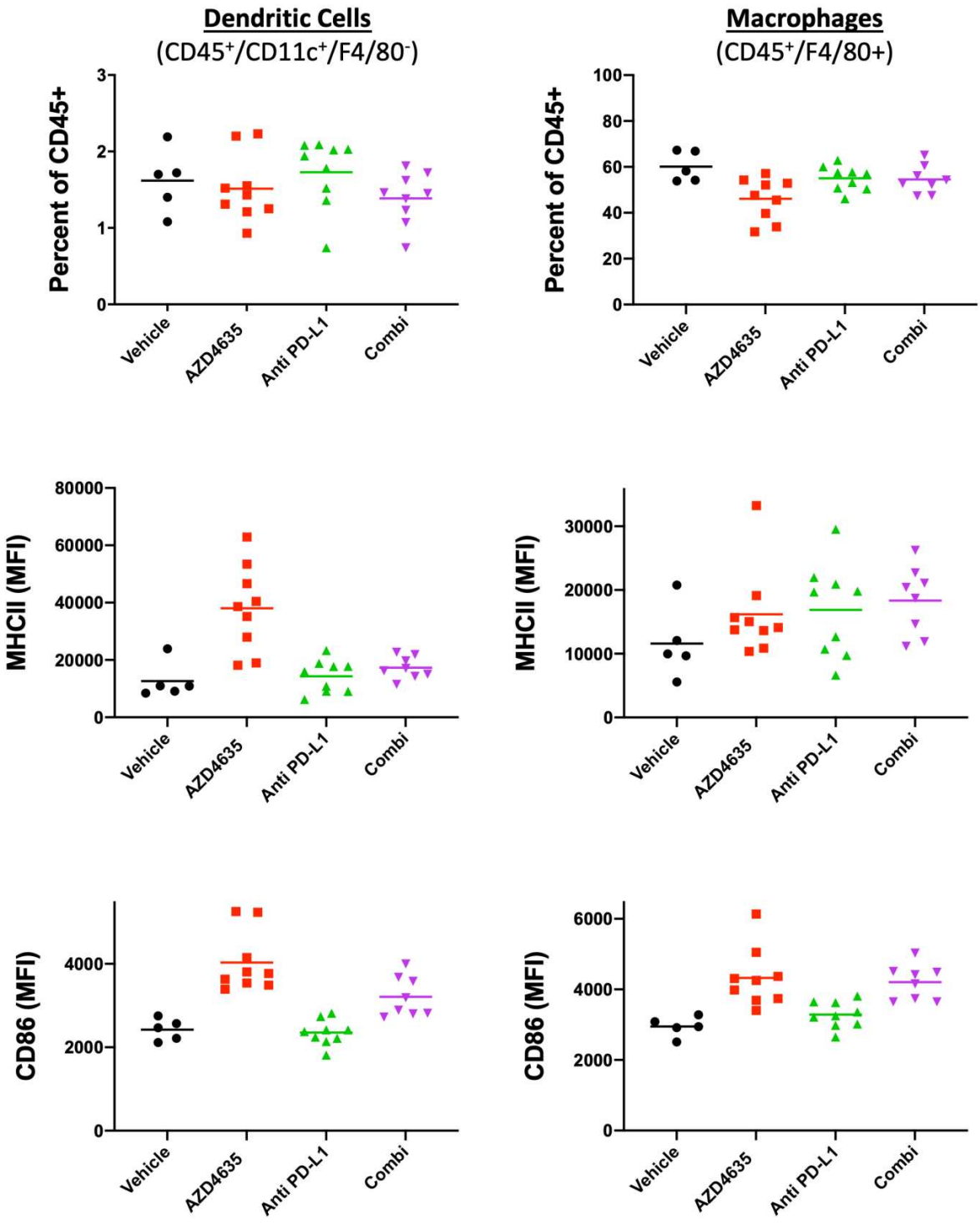


Supplemental Figure 8

Gating strategy for CD103 DC isolation from tumor draining LNs



Gates and Statistics

Name	Events	%Parent	%Total
All Events	29,701	0.00%	100.00%
Scatter	6,849	23.06%	23.06%
Sing-FSC	6,602	96.39%	22.23%
Sing-SSC	6,319	95.71%	21.28%
8- pi-	3,513	55.59%	11.83%
CD11c+ CD103+	352	10.02%	1.19%

Supplemental Figure. 9