Technology or Method	# transcripts	# proteins	# cells	Reference
Droplet based single cell RNA-seq	> 4,000	-	> 10,000	1,2,3
CyTOF	-	< 100	> 10,000	
Flow cytometry / FACS	-	< 30	> 10,000	17
Abseq	-	> 100	> 10,000	22
Index-sorting scRNA-seq	> 4,000	< 30	~ 96 - hundreds	5,6
Wafergen ICELL8	> 4,000	~ 4	~ 1,800	
Fluidigm C1	> 4,000	~ 4	~ 96 - ~ 800	
PLA or PEA & qPCR	~ 96	~ 36	~ 96 - hundreds	11,12,13,14
PLAYR	~ 20	~ 20	> 10,000	15

Supplementary Table 1

Overview of methods that allow multiplexed measurements of RNA and/or proteins in single cells.

Antibody	Reactive	Clone	CITE-seq barcode	Supplier	Note
CD3e	Human	UCHT1	ATCACG	BioLegend, USA	
CD19	Human	HIB19	CGATGT	BioLegend, USA	
CD4	Human	RPA-T4	TGACCA	BioLegend, USA	
CD8a	Human	RPA-T8	GCCAAT	BioLegend, USA	
CD56	Human	MEM-188	CTTGTA	BioLegend, USA	
CD16	Human	B73.1	TTAGGC	BioLegend, USA	
CD11c	Human	B-ly6	TAGCTT	BD Pharmingen, USA	
CCR7	Human	150603	GATCAG	R&D Systems, USA	
CCR5	Human	J418F1	ACTTGA	BioLegend, USA	
CD34	Human	581	GGCTAC	BioLegend, USA	
CD14	Human	M5E2	AGTCAA	BioLegend, USA	
CD10	Human	HI10a	AGTTCC	BioLegend, USA	
CD45RA	Human	HI100	ACAGTG	BioLegend, USA	
CD29	Human	MA1-19105	GCCAAT	Thermo Fisher, USA	used for Human/Mouse experiment only
CD29	Mouse	MA5-16707	CTTGTA	Thermo Fisher, USA	used for Human/Mouse experiment only
CD2	Human	RPA-2.10	GAGTGG	BioLegend, USA	used in quantification validation only
CD57	Human	H-NK1	CGTACG	BioLegend, USA	used in quantification validation only

Supplementary Table 2
List of antibody clones, supplier and barcodes used in this study.