

Figure S1. Timelapse of tracer flow through a PLASMIC device. Blue dye was added to the plasmic and a time-lapse video was collected to study the flow profile within the system. The results of this study match the COMSOL predicted flow profiles, with very high velocity regions in the center of the channel and low velocity regions along the walls.

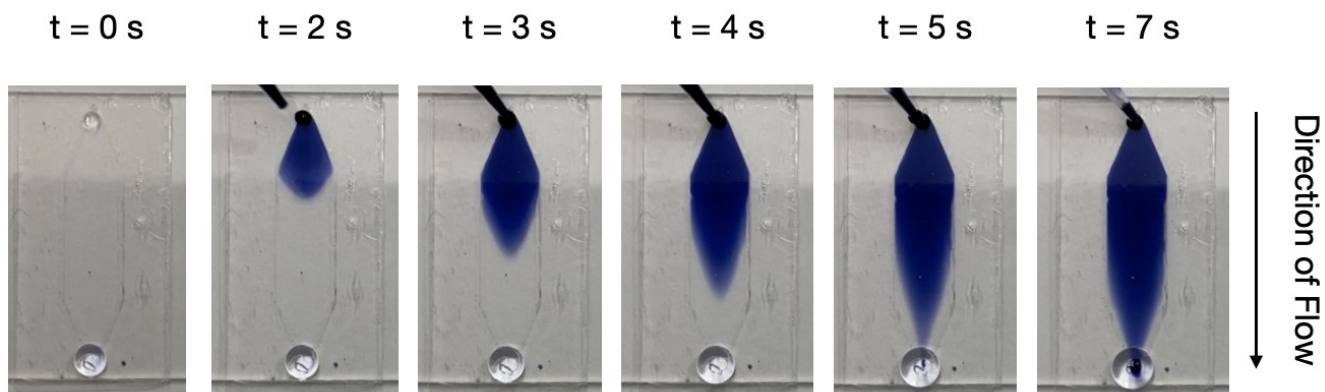


Table S1: List of antibodies for FAST Staining of immunocyte populations.
Antibodies used for analyses of immune cell populations from MC38 tumor FNA samples, including degree of labeling.

Target protein	Clone	Isotype	Vendor	Catalog #	Degree of labeling
CD19	1D3	Rat IgG2a	Bio X Cell	BE0150	3.62
CD8a	53-6.7	Rat IgG2a	Bio X Cell	BE0004-1	1.98
CD4	GK1.5	Rat IgG2b	Bio X Cell	BE0003-1	2.50
Ly6G	1A8	Rat IgG2a	Bio X Cell	BE0075-1	2.17
CD45	104.2	Mouse IgG2a	Bio X Cell	BE0300	2.91
CD11c	N418	Hamster IgG	Biolegend	117302	1.83
CD11b	M1/70	Rat IgG2b	Bio X Cell	BE0007	3.05
NK1.1	PK136	Mouse IgG2a	Biolegend	108702	2.24
Ly6C	Monts	Rat IgG2a	Bio X Cell	BE0203	3.77
TCR β	H57-597	Hamster IgG	Biolegend	109215	2.32
F4/80	Cl:A3-1	Rat IgG2b	Bio X Cell	BE0206	3.49
MHCII	M5/114	Rat IgG2b	Bio X Cell	BE0108	1.56