

SUPPLEMENTARY TABLE 3. Antibodies used for CyCIF imaging of the human colon specimen.

Cycle Number	Channel Number	Target Name	RRID identifier	Fluorophore	Clone	Vendor	Catalog Number
1	1	DNA	AB_10626776	Hoechst 33342	-	Cell Signaling Technology	4082S
1	2	Rabbit-IgG	AB_2534114	Alexa Fluor 488	-	Invitrogen	A-11070
1	3	Rat-IgG	AB_2535855	Alexa Fluor 555	-	Invitrogen	A-21434
1	4	Mouse-IgG	AB_2535806	Alexa Fluor 647	-	Invitrogen	A-21237
2	5	DNA	AB_10626776	Hoechst 33342	-	Cell Signaling Technology	4082S
2	6	Na/K ATPase	AB_2798866	-	D4Y7E	Cell Signaling Technology	23565
2	7	CD3	AB_2889189	-	CD3-12	Abcam	ab11089
2	8	Cellular tumor antigen p53	AB_2206626	-	DO7	Dako	M7001
3	9	DNA	AB_10626776	Hoechst 33342	-	Cell Signaling Technology	4082S
3	10	Antigen Ki67	AB_2687824	Alexa Fluor 488	D3B5	Cell Signaling Technology	11882
3	11	Pan-cytokeratin	AB_11217482	eFluor 570	AE1/AE3	eBioscience/Thermo Fisher	41-9003-80
3	12	Aortic smooth muscle actin	AB_2574361	eFluor 660	1A4	eBioscience/Thermo Fisher	50-9760-80
4	13	DNA	AB_10626776	Hoechst 33342	-	Cell Signaling Technology	4082S
4	14	CD8a	AB_2574412	Alexa Fluor 488	AMC908	eBioscience/Thermo Fisher	53-0008-80
4	15	CD4	AB_2573601	eFluor 570	N1UG0	eBioscience/Thermo Fisher	41-2444-80
4	16	CD45	AB_493034	Alexa Fluor 647	HI30	BioLegend	304020
5	17	DNA	AB_10626776	Hoechst 33342	-	Cell Signaling Technology	4082S
5	18	CD45RO	AB_528823	Alexa Fluor 488	UCHL1	BioLegend	304212
5	19	CD11c		Alexa Fluor 555	D3V1E	Cell Signaling Technology	77882BC
5	20	PD-L1	AB_2728832	Alexa Fluor 647	E1L3N	Cell Signaling Technology	15005
6	21	DNA	AB_10626776	Hoechst 33342	-	Cell Signaling Technology	4082S
6	22	CD68	AB_2798886	Alexa Fluor 488	D4B9C	Cell Signaling Technology	24850
6	23	FoxP3	AB_2573608	eFluor 570	236A/E7	eBioscience/Thermo Fisher	41-4777-80
6	24	PD-1	AB_2728811	Alexa Fluor 647	EPR4877(2)	Abcam	ab201825
7	25	DNA	AB_10626776	Hoechst 33342	-	Cell Signaling Technology	4082S
7	26	CD20	AB_10734358	Alexa Fluor 488	L26	eBioscience/Thermo Fisher	53-0202-82
7	27	Phospho-histone H3.1 (Ser10)	AB_10694639	Alexa Fluor 555	D2C8	Cell Signaling Technology	3475S
7	28	CD31	AB_2857973	Alexa Fluor 647	EPR3094	Abcam	ab218582
8	29	DNA	AB_10626776	Hoechst 33342	-	Cell Signaling Technology	4082S
8	30	E-cadherin	AB_10691457	Alexa Fluor 488	24E10	Cell Signaling Technology	3199
8	31	Vimentin	AB_10859896	Alexa Fluor 555	D21H3	Cell Signaling Technology	9855
8	32	Catenin beta-1	AB_10691326	Alexa Fluor 647	L54E2	Cell Signaling Technology	4627
9	33	DNA	AB_10626776	Hoechst 33342	-	Cell Signaling Technology	4082S
9	34	CD163	AB_2889155	Alexa Fluor 488	EPR14643-36	Abcam	ab218293
9	35	Histone H3.1	AB_2799990	phycoerythrin	D1H2	Cell Signaling Technology	82241
9	36	Phospho-Histone H2AX (Ser139)	AB_2114994	Alexa Fluor 647	2F3	BioLegend	613407