

Panel_1

Human Colon Cancer Panel			
S.No	Antibody	Clone	Raise in
1	OPN	Polyclonal	Goat
2	hFOXP3	236A/E7	Mouse
3	hCD31	EP3095	Rabbit
4	hCD68	KP1	Mouse
5	CD56	MRQ-42	Rabbit
6	hCD8	4B11	Mouse
7	hCD4	EPR6855	Rabbit
8	aSMA	1A4	Mouse
9	hPD-L1	73-10	Rabbit
10	CD163	MRQ-26	Mouse
11	hPD-1	D4W2J	Rabbit
12	hCD3	MRQ-39	Rabbit
13	CD206	E6T5J	Rabbit
14	CD69	EPR21814	Rabbit
15	GranzB	EPR20129-217	Rabbit
16	CD16	SP175	Rabbit
17	CD19	D4V4B	Rabbit
18	CD11b	EPR1344	Rabbit
19	FAP	EPR20021	Rabbit
20	Ker 17/19	D32D9	Rabbit

Panel_2

Human PDAC Panel			
S.No	Antibody	Clone	Raise in
1	FOXP3	236A/E7	Mouse
2	pAKT	EP2109Y	Rabbit
3	CD8	4B11	Mouse
4	pERK	20G11	Rabbit
5	CD31	EP3095	Rabbit
6	PDGFRb	G.290.3	Rabbit
7	CD3	MRQ-39	Rabbit
8	CD19	D4V4B	Rabbit
9	aSMA	1A4	Mouse
10	CD69	EPR21814	Rabbit
11	FAP	EPR20021	Rabbit
12	Ker 17/19	D32D9	Rabbit
13	Desmin	DE-U-10	Mouse
14	Collagen 1	polyclonal	Goat
15	CD4	EPR6855	Rabbit
16	CD68	KP1	Mouse
17	CD16	SP175	Rabbit

18	Integrin B3	D7X3P	Rabbit
19	CD11b	EPR1344	Rabbit

Panel_3

Human Lung Autopsy Panel			
S.No	Antibody	Clone	Raise in
1	Ag85B	Polyclonal	Rabbit
2	hCD68	KP1	Mouse
3	hCD8	4B11	Mouse
4	CD163	MRQ-26	Mouse
5	aSMA	1A4	Mouse
6	hCD31	EP3095	Rabbit
7	hCD4	EPR6855	Rabbit
8	hPD-L1	73-10	Rabbit
9	hPD-1	D4W2J	Rabbit
10	hCD3	MRQ-39	Rabbit
11	CD206	E6T5J	Rabbit
12	CD16	SP175	Rabbit
13	CD19	D4V4B	Rabbit
14	CD11b	EPR1344	Rabbit

Panel_4

List of antibodies optimized on COMET for Human Renal Cancer			
S.No	Antibody	Clone	Raise in
1	hCD31	EP3095	Rabbit
2	hFOXP3	236A/E7	Mouse
3	CD56	MRQ-42	Rabbit
4	CD80	MAB140	Mouse
5	hCD4	EPR6855	Rabbit
6	hCD8	4B11	Mouse
7	hPD-L1	73-10	Rabbit
8	CD27	LPFS2/1611	Mouse
9	hPD-1	D4W2J	Rabbit
10	CD163	MRQ-26	Mouse
11	hCD3	MRQ-39	Rabbit
12	NKG2D	1D11	Mouse
13	CD16	SP175	Rabbit
14	CD57	HNK-1	Mouse
15	GranzB	EPR20129-217	Rabbit
16	CD19	D4V4B	Rabbit
17	CD11b	EPR1344	Rabbit
18	Tim3	D5D5R	Rabbit

19	CAIX	D47G3	Rabbit
20	CD28	D2Z4E	Rabbit
21	CDKN1A	12D1	Rabbit
22	DPP4	D6D8K	Rabbit
23	H2AX	20E3	Rabbit
24	CD39	Polyclonal	Rabbit
25	GLB1	Polyclonal	Rabbit
26	Ker 17/19	D32D9	Rabbit
27	aSMA	1A4	Mouse

Panel_5

List of antibodies optimized on COMET for mouse PDAC			
S.No	Antibody	Clone	Raise in
1	FOXP3	FJK-16s	Rat
2	pAKT	EP2109Y	Rabbit
3	pERK	20G11	Rabbit
4	Integrin B3	D7X3P	Rabbit
5	Ly6G	1A8	Rat
6	CD31	polyclonal	Rabbit
7	CD3	CD3-12	Rat
8	PDGFRb	G.290.3	Rabbit
9	CD4	4SM95	Rat
10	CD19	D4V4B	Rabbit
11	CD8	4SM16	Rat
12	CD11b	EPR1344	Rabbit
13	aSMA	1A4	Mouse
14	FAP	EPR20021	Rabbit
15	Ker17/19	D32D9	Rabbit
16	Desmin	DE-U-10	Mouse
17	Collagen 1	polyclonal	Goat

Panel_6

List of antibodies optimized on COMET for mouse Kidney			
S.No	Antibody	Clone	Raise in
1	FOXP3	FJK-16s	Rat
2	pAKT	EP2109Y	Rabbit
3	CD3	CD3-12	Rat
4	CD31	polyclonal	Rabbit
5	CD4	4SM95	Rat
6	CD19	D4V4B	Rabbit
7	CD8	4SM16	Rat
8	CD11b	EPR1344	Rabbit

9	CD45R (B220)	RA3-6B2	Rat
10	Lyve-1	Polyclonal	Rabbit
11	CCR7	4B12	Rat
12	CD103	Polyclonal	Rabbit
13	PD-L1	10F.9G2	Rat
14	CD49a	Polyclonal	Rabbit
15	CD11c	N418	Armenian Hamster
16	I-A/I-E (MHC Class II)	M5/114.15.2	Rat

Panel_7

List of antibodies optimized on COMET for mouse breast cancer cells implanted in mouse			
S.No	Antibody	Clone	Raise in
1	AZGP1	Polyclonal	Rabbit
2	NKp46	Polyclonal	Goat
3	H3K9me2	SN07-30	Rabbit
4	CD4	4SM95	Rat
5	CD8	4SM16	Rat
6	TGF β 1	PD00-17	Rabbit
7	CD11b	EPR1344	Rabbit
8	CD19	D4V4B	Rabbit

Panel_8

List of antibodies optimized on COMET for mouse Lungs			
S.No	Antibody	Clone	Raise in
1	Anti-CoV19-Spike	Polyclonal	Rabbit
2	FabP5	Polyclonal	Goat
3	PPARg	Polyclonal	Rabbit
4	CD3	Polyclonal	Goat
5	Lyve-1	Polyclonal	Rabbit
6	B220	RA3-6B2	Rat
7	CD31	Polyclonal	Rabbit
8	SPC	Polyclonal	Rabbit
9	Collagen 1	Polyclonal	Goat
10	Uteroglobulin (CC10)	Polyclonal	Rabbit
11	CD11b	EPR1344	Rabbit