

CellCarta offers a full range of validated human IHC, multiplex IHC (mIHC) and multiplex immunofluorescence (mIF) assays. With sites accredited by CAP and CLIA certifications, we provide the highest standard of quality. Our team continually develops new biomarker assays and has experience with hundreds more than represented below. Contact us for any custom development.

IHC							
15PGDH	CAIX (CA9)	CD45	CLEC9A (CD370)	FOLR2	KLK5	p21	RAS (G12D)
4E-BP1	Calreticulin	CD46	cMET	FoxM1	KLK7	p53	ROS1
53BP1	CBLB	CD47	cMYC	FoxP3	KRAS	PanCK	S6
5T4	CCR8	CD56	COX-2	Fucosyl-GM1	LAG-3	Pan-KRAS	S100
ADMA	CD1a	CD68	cPARP	GAS6	LDLR	PanTRK	SDMA
AKT	CD3	CD70	CRBN	GITR	MAGEA4	PAX5	SRC
ALK	CD4	CD73	CSF1R	Glypican-3	MDM2	P-Cadherin	STING
Ang-1	CD5	CD79b	CTLA-4	gp100	MEK1/2	PD-1	Survivin
Ang-2	CD7	CD80	Cyclin D1	GPNMB	MERTK	PD-L1(22C3)	Synaptophysin
AR	CD8	CD123	Cyclin E1	Granzyme B	Mesothelin	PD-L1(28-8)	TenascinC
AR (C-Terminus)	CD10	CD134 (OX40)	Desmin	GSK-3β	MHCI	PD-L1(73-10)	Tie-2
AR (N-Terminus)	CD11b	CD137	DLL3	H3K23ac	MHCII	PD-L1(E1L3N)	TIGIT
AR V7	CD11c	CD137L	DNAM (CD226)	H3K27me3	MLH1	PD-L1(SP142)	TIM-3
ARID1A	CD15	CD138	DR5	H3K36me3	MPO	PD-L1(SP263)	TPBG
ASCL1 (MASH1)	CD16	CD155 (PVR)	E-cadherin	HER2 (4B5)	MSH2	PD-L2	TROP2
ASGPR1	CD16a	CD163	EGFR	HER2 (Herceptest)	MSH6	PDPN	Tryptase
Aurora A	CD19	CD226	ENPP3	HGF	MSI Panel (MMR)	PI3K p110alpha	Vaccinia
AXIN2	CD20	CDC2	EpHA2	HIF-1 alpha	MTAP	PI3K p110beta	VEGF-A
AXL	CD21	CDCP1	ER	HLA-E	MUC1	PI3K p110delta	Vimentin
βcatenin	CD22	CDH17	ERCC1	HLA-G	MUC13	PI3K p110gamma	WT1
B2M	CD23	CEACAM5	ERCC5	HMGB1	MUM1	PIK3CB	Yb1
B7-H3	CD27	CEACAM6	ERK	HSP47	NaPi2b	PLAP	
B7-H4	CD27L (CD70)	Chk1	ERK2	HSP70	Nectin-2 (CD112/PVRL2)	PMS2	
BAFFR	CD28	Chromogranin A	FAP	ICOS	Nectin-4	PPARγ	
Bax	CD30	cIAP-1	FASCIN	IDO	Neuropilin-1	PR	
BCL2	CD31	CK1A	FASN	IGF1R beta	NKG2A	PRAME	
BCL6	CD34	CK7	FGFR	IL1b	NKp46	PRAS40	
BCL-xL	CD37	CK19	FGFR-3	IL8	NYESO-1	PSMA	
BCMA	CD38	Claudin-18	FGL1	IL18	OX40	PTEN	
Bim	CD39	Claudin-4	FLT3L	Ki-67	OX40L	PTK7	
BRAF V600E	CD40	Cleaved caspase-3	FOLR1 (FRa)	KLK2	p16	PVRIG	

Validation levels of biomarkers will vary depending on intended use. Biomarkers available at each CellCarta site may vary.

MULTIPLEX IHC/IF

Ang-2 + CD31	CD3 + CD16 + GZMB	CD8 + FoxP3 + LAG3	CD68 + CD163
aSMA + CD31	CD3 + CD20 + CD21 + CD23 + DC-LAMP + PanCK*	CD8 + FoxP3 + PD-1	CD68 + CD168 + HLA-DR
BCMA + CD16a	CD3 + CD68 + PD-L1	CD8 + GZMB	CD68 + PD-L1
BCMA + CD138	CD3 + CD137 + CD163 + CCR2 + MHCII + PanCK*	CD8 + GZMB + FoxP3	CD68 + TREM2 + PanCK
BDCA2 + CD11c + CD68 + CD163*	CD3 + H3K27me	CD8 + GZMB + IFNg + NKp46*	CD79b + PAX5
B7-H3 + CD23	CD3 + LAG3	CD8 + GZMB + NKp46	CD93 + CLEC14A
B7-H3 + CD138 + DR5	CD3 + PD-1	CD8 + Ki-67	CD208 + PD-L1
cCASP3 + cPARP	CD3 + Ki-67 + PD-L1	CD8 + Ki-67 + PD-1	CK5 + GATA3
cCASP3 + Ki-67	CD4 + CD8 + FoxP3	CD8 + Ki-67 + TSPAN8	GZMB + NKp46
CCR2 + CD20 + CD68	CD4 + CD8 + ICOS	CD8 + panCK	HMB45 + MART-1 + Tyrosinase (melanoma triple cocktail)
CCR4 + FoxP3	CD4 + CD8 + IDO	CD8 + PD-L1	IGFBP7 + MMRN2
CCR8 + CD8 + FoxP3*	CD4 + FoxP3	CD8 + STING	Lunaphore COMET SPYRE IO Panel (13 plex)*
CD3 + CD4	CD4 + FoxP3 + Ki-67	CD11c + Ki-67	Mesothelin + MUC13
CD3 + CD4 + FoxP3	CD4 + Ki-67	CD16 + CD163 + GZMB	PanCK + STING + TROP2*
CD3 + CD4 + Ki-67	CD8 + CD28	CD20 + PAX5	
CD3 + CD8	CD8 + CD39	CD33 + CD34	
CD3 + CD8 + GZMB	CD8 + CD39 + PanCK*	CD33 + CD34 + H3K27me	
CD3 + CD8 + GZMB + Ki-67 + NKp46 + PanCK*	CD8 + CD138	CD68 + CD80 + CD163 + CCR2 + DC-LAMP + PanCK*	
CD3 + CD8 + FoxP3 + GZMB + Ki-67 + PanCK*	CD8 + FoxP3	CD68 + CD80 + CD206 + MHCII + PanCK*	

PHOSPHO-SPECIFIC IHC

p4EBP1 (Thr37/46)	pERK	pHH3	pp70S6K (Thr389)	pSMAD2 (Ser465/467)
pAKT (Ser473, Thr308)	pGSK3b (Ser9/21)	pKAP1 (Ser824)	pp90RSK (Ser377)	pSTAT-3 (Tyr705)
pAXL	pH2AX	pMEK	pPRAS40 (Thr246)	pYb1 (Ser102)
pChk1 (Ser345)	pHER2	pMET	pRb (Ser807/811, Thr821)	
pEGFR (Tyr1068/1086/1173)	pHER3 (Tyr1289)	pNDRG1 (Thr346)	pS6	

Phospho Multiplex

CD8 + DGKz + pERK	CDK1 + pCDK2 (Thr14)	Ki-67 + pHH3	pCDC2 + CDC2	pCHK1 + pCDK1	pHH3	CD138 + pERK
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*IF Assay.

Validation levels of biomarkers will vary depending on intended use. Biomarkers available at each CellCarta site may vary.

Reach out to our team for details on your biomarker(s) of interest.

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ABOUT CELLCARTA

Leading provider of specialized precision medicine laboratory services to the biopharmaceutical industry. Leveraging its integrated analytical platforms in immunology, histopathology, proteomics and genomics, as well as related specimen collection and logistics services, CellCarta supports the entire drug development cycle, from discovery to late-stage clinical trials. The company operates globally with 8 facilities located in Canada, USA, Belgium, Australia and China.

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