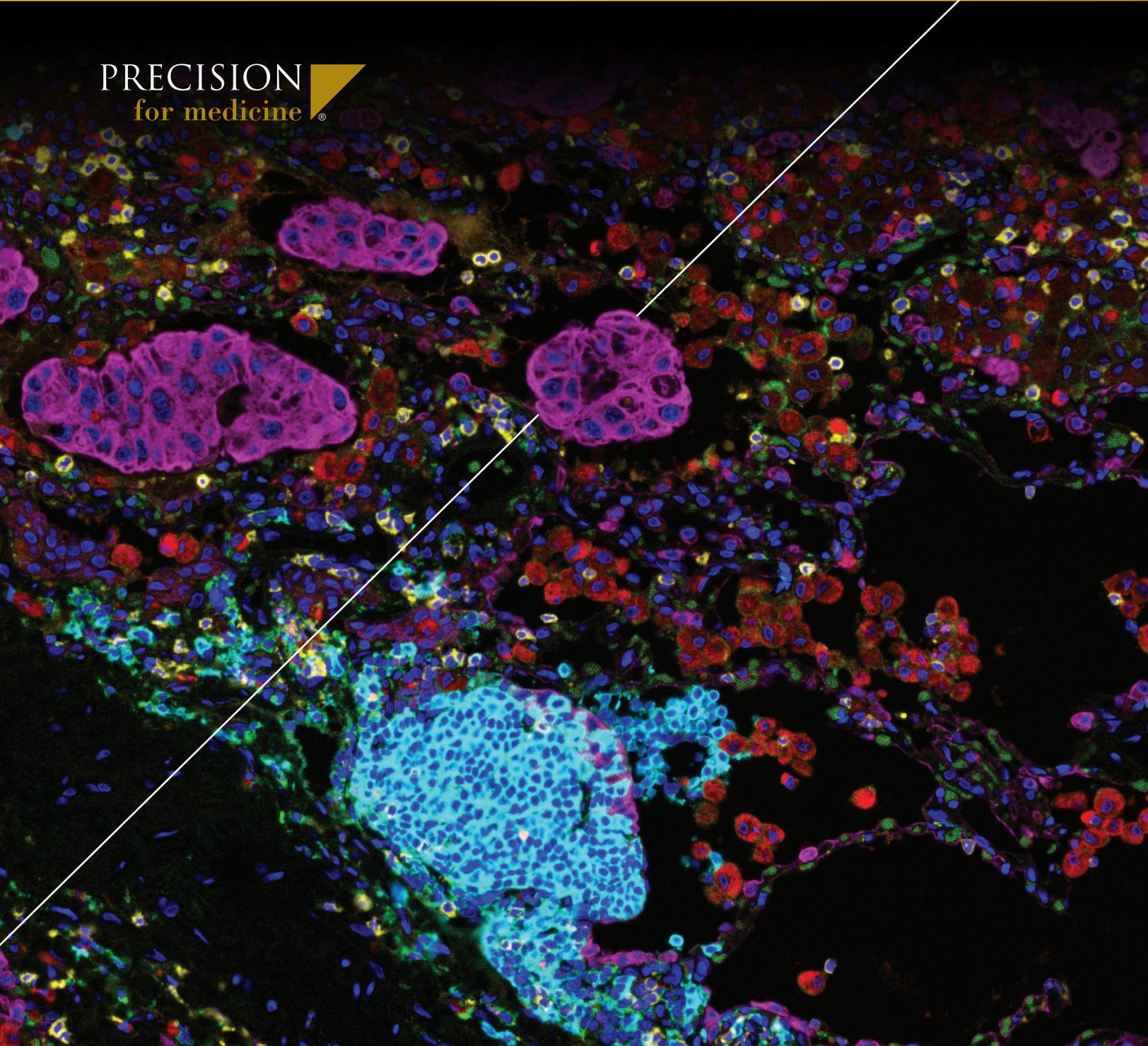


Immunohistochemistry (IHC) and Multiplex Immunofluorescence (mIF) Marker Test Menu

PRECISION
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Precision for Medicine's scientists have experience in performing IHC and mIF across hundreds of markers. The IHC and mIF markers in the tables below include markers of all validation levels; please inquire with questions about any specific markers.

In addition to analysis, Precision has an extensive biorepository of available tissue samples, and in-house pathologists to support scoring and analysis.

Immunohistochemistry Markers				
41BB/CD137	AR	CA19-9	CD14	CD303
53BP1	AR-V7	CA242	CD141	CD309/VEGFR2
5T4	ASC1	Calcitonin (Polyclonal)	CD142	CD31
A2AR	α -synuclein	Calponin	CD146	CD32
a2m globulin	AT8 (PHF-Tau)	Calreticulin	CD15	CD33
ABCD1	ATM	Calretinin (CAL6)	CD16	CD34
ABCG2	Axin2	Caspase 3-cleaved and total	CD163	CD36
Acetyl-histone H3	AXL	CBLB	CD172a	CD38
Ack27-H3	B12	CBLC	CD177	CD3e
AcK40-Tubulin	B7-2/CD86	CC1	CD184	CD4
AcK9-H3	B7-H3/CD276	CC8	CD19	CD40
ACPP	B7-H4	CCR2	CD1a	CD40L
Ac-tubulin Lys40	BAD	CCR7	CD1c	CD41
Adipophilin	Bax	CCR8	CD20	CD43
AE1/AE3	B-Catenin	CD10	CD200	CD44
AKR1B10	BCL2	CD103	CD206	CD45
AKR1C1/C2	BCL6	CD105	CD21	CD45RO
AKR1C3	Bcl-xl	CD10CD15	CD223/LAG3	CD46
AKT	BCMA	CD117	CD226/DNAM1	CD47
ALDH1	BLC2	CD11b	CD227/MUC1	CD5
ALDH1A1	BMP-10	CD11c	CD23	CD56
ALDH3A1	BMP-9	CD122	CD24	CD61
ALK Protein (ALK-1)	BRAF	CD123	CD25/IL2R	CD66b/CEACAM8
Alpha-Methalacyl-CoA Racemase/P504S	BTNL8	CD133	CD276/B7H3	CD68/SR-D1
ALPPL-2	BubR1	CD134/OX40	CD3	CD69
AMP841	C5AR1	CD137/41BB	CD30	CD7
Aquaporin 3	CA-125/MUC16	CD138/Syndecan-1	CD300b	CD71

Immunohistochemistry Markers (continued)

CD73	c-Met	EMA	g-H2AX	HLA-A2
CD79a	c-Met (phospho)	Ep-CAM (BER-EP4)	Gingipain R1	HLA-ABC
CD8	CMV	EphA2	Gingipain R2	HLA-DR
CD80	c-Myc (total)	ER	GITR	HMB45
CD86/B7-2	Coagulation Factor III	ErbB2/HER2	GITRL	HP
CD87	Collagen I	ErbB2/pHER2	Glu-Tubulin	HSP90
CDK1	Collagen III	ErbB3/HER3	GPR15	IBA-1
CDX2	CREB-2	ErbB3/pHER3	GPR17	ICAM-1
CEA	CTLA-4	ERG	GPR183	ICOS
CEACAM5	CTPS1	ERK 12	GPR52	Id1
CEACAM6	CTPS2	ERK1/2 (phospho)	Granzyme B	IDO-1
CEACAM7	Cyclin A2	ERK1/2 (total)	GUCY2C	IFN gamma
CEACAM8/CD66b	Cyclin B1	EZH2	H. pylori	Ig light chain kappa lambda
Chromogranin A	Cyclin D1	F4/80	H7CR	IgG2
cIAP-1	Cytokeratin	Factor XIII	HA	IgG4
CK AE1/AE3	Cytokeratin LMW (CAM5.2)	FAP	HAS-1	IL10RA
CK16	DCR3	FAP alpha	HA-tag	IL11RA
CK20	Dectin-2	FGFR1	Helios/IKZF2	IL18
CK2b	Desmin	Fibrillin	HER2/ErbB2	IL18 R1
CK5	Desmoglein 3	Filaggrin	HER3/ErbB3	IL18 RAP
CK7	Detyrosinated α Tubulin	FoxM1	Her4	IL23R/CD25
CK903/Cytokeratin HMW	DLL3	FoxP3	Herceptest (Her2)	iNOS
CKB	DNAI1	FRS2	Herpes Simplex Virus I (HSV I)	IRF (phospho)
Claudin -1	E2F1	G6PD	Herpes Simplex Virus II (HSV II)	KAPPA ISH
Claudin-18	EBER (EBV) ISH	GATA-3	HGF	Keratin-16
Cleaved Caspase 3	E-Cadherin (E-CAD)	GD3	HHV8	Ki-67
Cleaved Gasdermin D	EGFR	GDF5	HIF 1a	KLH
c-MAF	Elastin	GFAP	HLA-1	L-12p70

Immunohistochemistry Markers (continued)

LAG3/CD223	MMP14	OX40/CD134	pFAK	PVRIG
LAMBDA ISH	MOG	p16	pFRS2	PVRL2/CD112
Lamin B1	Mono CEA/ Carcinoembronic Antigen (CD66)	P21	PGD	RAD51
LC3	MRGPRX2	p27	PgP 9.5	Ran
LC3A	MSH2	P53	pHER2/ErbB2 (Tyr1221/1222)	RB1
LIGHT	MSH6	P63	pHER3/ErbB3	ROR2
Lingo1	MUC16/CA-125	pAKT	Phospho-histone H3 (ser10)	RORgT
Loricrin	MUC5	pAKT(S129)	PIN4 (HMW/P63/ P504S)	ROS1
LRP6	MUC5AC	pAKT(S473)	Plectin	S100
Ly6C	MUC5B	PanMel (HMB45+MART- 1+TYROSINASE)	PMP70	S1P1
Ly6G	MUM1	PARP-cleaved	PMS2	S1P5
Lys-gingipain	Myelin Basic Protein (MBP)	PAX-5	PR	SARS-CoV-2 nucleocapsid
MADCAM1	Myeloperoxidase	PAX-8	PRAME	SDMA
MAPK/p44/42	Myf-4	PCK	ProSP-C	SEMA4A
Mast cell tryptase	Myosin	PD-L1	PSA	SEZ6
MCL-1	Napsin-A	PD-L1 (5 different clones)	pSeparase (Ser1126)	SMA
Melan A	N-Cadherin	PD-L2	PSMA	SMAD5
MERTK	NCAM1	PD-L2	pSMAD-5	SMOX
Mesothelin	Nectin-4	pEGFR	pSTAT1	Snail
Midasin	Neutrophil elastase	pEIF2A	PTEN	SOX10
MLH1	Nfr2	Perforin	PTGR1	SP44
MMP1	NRP-1	pERK	PVR/CD155	SP74
MMP12	Occludin	pERK 12	PVR2	SPHK2Stathmin 1

Immunohistochemistry Markers (continued)

ST2.1Synaptophysin	THOC7	TOX	TYRP1	VISTA
Stathmin 1 STEAP2	Thyroid Transcription Factor-1 (TTF-1)	Treponema pallidum	Uroplakin1b	VZV
STEAP2ST2.1	TIGIT	TrkA (phospho)	Uteroglobin	ZO-1
SynaptophysinSyn-decan-1/CD138	TIM3	TROP2	VAMP1	
Syndecan-1/ CD138Terminal Deoxynucleotidyl Transferease (TdT)	TMIGD1	TRPM8	VEGFR2/CD309	
Terminal Deoxynucleotidyl Transferease (TdT)TF	TNFR2	Tryptase	Versican	
TFTGF-beta	TOP1	TUNEL	Vimentin	
TGF-beta	TOP2	TWIST	VIPR1	

Multiplex Immunofluorescence Markers

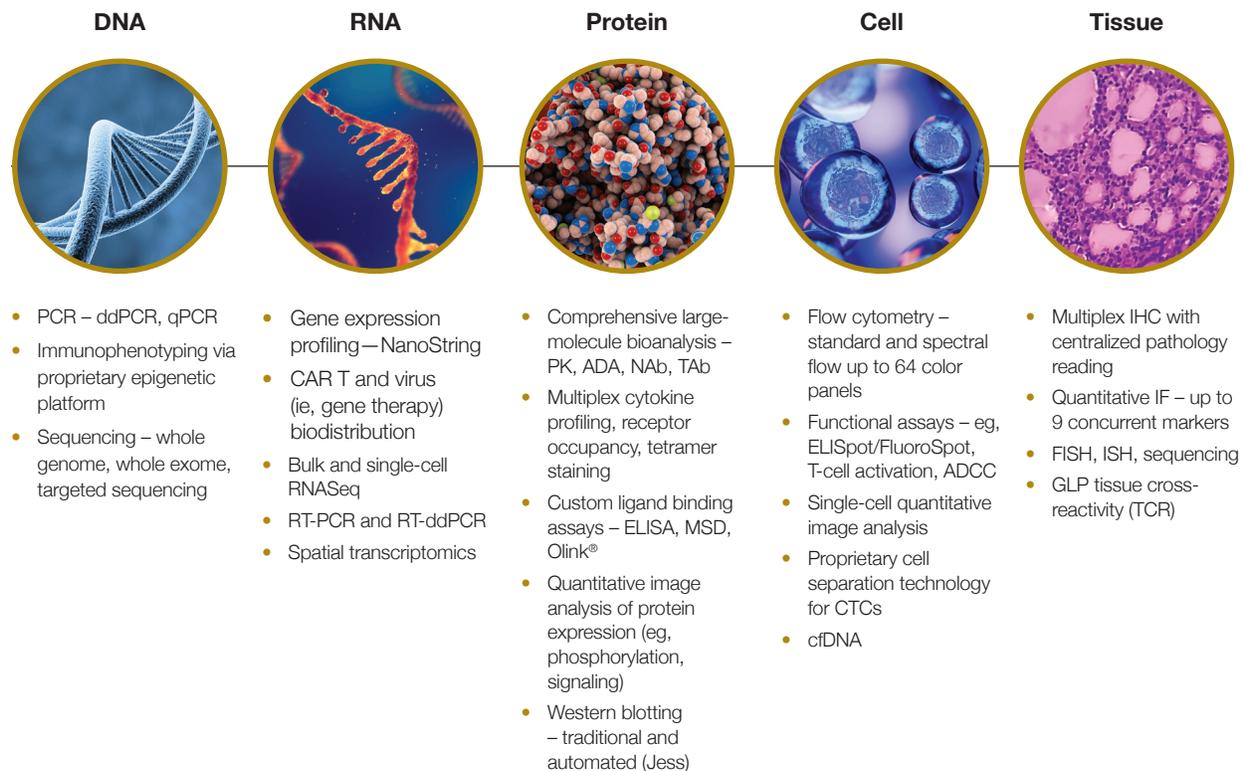
A2AR	CD16	CK5	IFN gamma	pSeparase (Ser1126)
ABCD1	CD163	c-MAF	Ig light chain kappa lambda	p-STAT1
AcK27-H3	CD177	c-myc	IL10RA	PVR/CD155
AcK40-Tubulin	CD19	Collagen I	IL-12p70	PVRIG
AcK9-H3	CD1a	Collagen III	Keratin-16	PVRL2/CD112
Ac-tubulin Lys40	CD1c	CRTAM	Ki-67	RB
ALK	CD20	Cyclin A2	KLRG1	ROR1
Aquaporin 3	CD206	Cyclin B1	LAG3/CD223	RORyT
B7H3/CD276	CD226/DNAM1	Cyclin D1	Lamin B1	ROS1
B7H4	CD25/IL2R	DCR3	LIGHT	S1P1
BAD	CD3	DNAI1	Ly6C	S1P5
Bax	CD30	E2F1	Ly6G	SOX10
B-Catenin	CD31	E-Cadherin	MCL-1	SPHK2
Bcl-xl	CD33	Elastin	MMP1	TIGIT
C5aR1	CD34	EpCAM	MMP12	TIM-3
CBLB	CD38	ERK 12	MRGPRX2	TNFR2
CBLC	CD3e	F4/80	MUC5AC	TOX
CCR7	CD4	Fibrillin	MUC5B	Tryptase
CCR8	CD45	FoxM1	MUM1	TYRP1
CD103	CD45RO	FoxP3	p16	Uteroglobulin
CD11b	CD56	Granzyme B	pAKT(S479)	Versican
CD11c	CD66b/CEACAM8	HA	PCK	Vimentin
CD123	CD68/SR-D1	HAS-1	PD-1	VISTA
CD138/Syndecan-1	CD69	HA-tag	PD-L1	vWF
CD14	CD7	HLA-1	PD-L1 (E1L3N)	ZO-1
CD141	CD8	HLA-A2	p-ERK 12	
CD146	CD86/B7-2	HLA-ABC	PMP70	
CD15	CDK1	HLA-DR	ProSP-C	

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