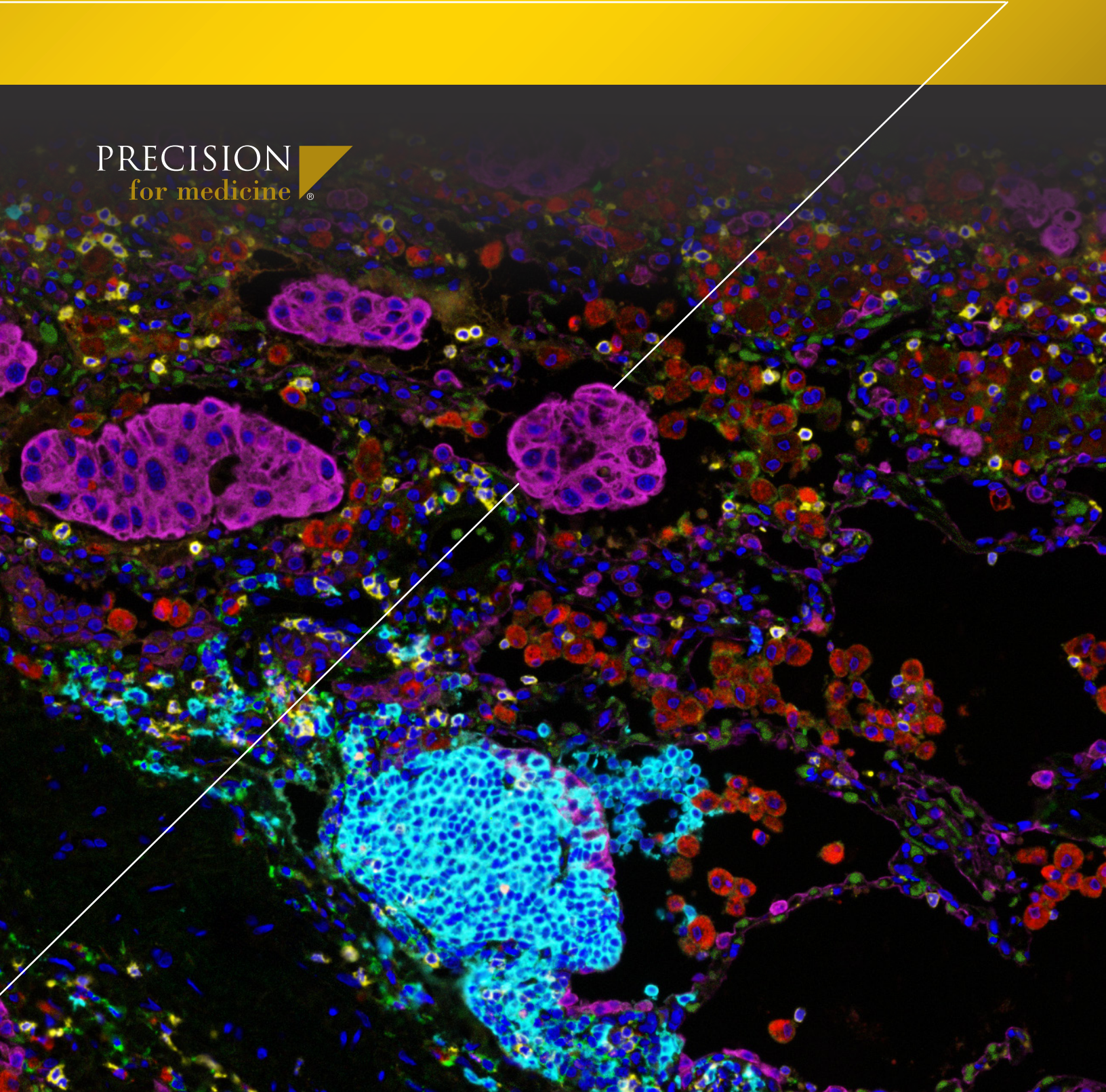


Immunohistochemistry (IHC) and Multiplex Immunofluorescence (mIF) Marker Test Menu

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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	ALPPL-2	BMP-9	CD11b	CD223/LAG3
53BP1	AMP841	BRAF	CD11c	CD226/DNAM1
5T4	Aquaporin 3	BTNL8	CD123	CD227/MUC1
A2AR	AR	BubR1	CD133	CD23
a2m globulin	AR-V7	C5AR1	CD134/OX40	CD24
ABCD1	ASC1	CA-125/MUC16	CD137/41BB	CD25/IL2R
ABCG2	α-synuclein	CA19-9	CD138/Syndecan-1	CD276/B7H3
Acetyl-histone H3	AT8 (PHF-Tau)	Calcitonin (Polyclonal)	CD14	CD3
AcK27-H3	ATM	Calponin	CD141	CD30
AcK40-Tubulin	Axin2	Calreticulin	CD142	CD300b
AcK9-H3	AXL	Calretinin (CAL6)	CD146	CD303
Ac-tubulin Lys40	B12	Caspase 3-cleaved and total	CD15	CD309/VEGFR2
ACPP	B7-2/CD86	CBLB	CD16	CD31
Adipophilin	B7-H3/CD276	CBLC	CD163	CD32
AE1/AE3	B7-H4	CC1	CD172a	CD33
AKR1B10	B-Catenin	CC8	CD177	CD34
AKR1C1/C2	BAD	CCR2	CD184	CD36
AKR1C3	Bax	CCR7	CD19	CD38
AKT	Bcl-xl	CCR8	CD1a	CD3e
ALDH1	BCL2	CD10	CD1c	CD4
ALDH1A1	BCL6	CD103	CD20	CD40
ALDH3A1	BCMA	CD105	CD200	CD40L
ALK Protein (ALK-1)	BLC2	CD10CD15	CD206	CD41
Alpha-Methylacyl-CoA Racemase/P504S	BMP-10	CD117	CD21	CD43
CD44	CK20	Detyrosinated α Tubulin	GATA-3	HLA-DR
CD45	CK5	DNAI1	GD3	HMB45

Immunohistochemistry Markers (continued)

CD45RO	CK7	E2F1	GDF5	HP
CD46	CK903/Cytokeratin HMW	EBER (EBV) ISH	GFAP	HSP90
CD47	CK AE1/AE3	E-Cadherin (E-CAD)	g-H2AX	Herpes Simplex Virus I (HSV I)
CD5	CKB	EGFR	Gingipain R1	Herpes Simplex Virus II (HSV II)
CD56	Claudin -1	Elastin	Gingipain R2	IBA-1
CD61	Claudin-18	EMA	GITR	ICAM-1
Mono CEA/ Carcinoembronic Antigen (CD66)	Cleaved Caspase 3	Ep-CAM (BER-EP4)	GITRL	ICOS
CD66b/CEACAM8	Cleaved Gasdermin D	ER	Glu-Tubulin	Id1
CD68/SR-D1	c-MAF	ErbB2/HER2	GPR15	IDO-1
CD69	c-Met	ErbB2/pHER2	GPR17	IgG2
CD7	c-Met (phospho)	ErbB3/HER3	GPR52	IgG4
CD71	CMV	ErbB3/pHER3	Granzyme B	IL10RA
CD73	c-Myc (total)	ERG	H7CR	IL11RA
CD79a	Coagulation Factor III	ERK1/2 (phospho)	HA	L-12p70
CD8	Collagen I	ERK1/2 (total)	HAS-1	IL18
CD80	Collagen III	ERK 12	HA-tag	IL18 R1
CD86/B7-2	CREB-2	EZH2	<i>H. pylori</i>	IL18 RAP
CD87	CTLA-4	F4/80	Helios/IKZF2	IL23R/CD25
CDK1	CTPS2	Factor XIII	HER2/ErbB2	IFN gamma
CDX2	Cyclin A2	FAP	HER3/ErbB3	Ig light chain kappa lambda
CEA	Cyclin B1	FAP alpha	Her4	iNOS
CEACAM5	Cyclin D1	FGFR1	Herceptest (Her2)	IRF (phospho)
CEACAM6	Cytokeratin	Fibrillin	HGF	KAPPA ISH
CEACAM7	Cytokeratin LMW (CAM5.2)	Filaggrin	HHV8	Keratin-16
CEACAM8/CD66b	DCR3	FoxM1	HIF 1a	Ki-67
Chromogranin A	Dectin-2	FoxP3	HLA-1	KLH
clAP-1	Desmin	FRS2	HLA-A2	LAG3/CD223
CK16	Desmoglein 3	G6PD	HLA-ABC	LAMBDA ISH

Immunohistochemistry Markers (continued)

Lamin B1	MUC5B	PD-L2	PVRL2/CD112	THOC7
LC3	MUM1	pEGFR	RAD51	TIGIT
LC3A	Myelin Basic Protein (MBP)	pEIF2A	Ran	TIM3
LIGHT	Myeloperoxidase	pERK	RB1	TMIGD1
Lingo1	Myf-4	Perforin	ROR1	TNFR2
Loricrin	Myosin	pERK 12	ROR2	TOP1
LRP6	Napsin-A	pFAK	RORgT	TOP2
Ly6C	N-Cadherin	pFRS2	ROS1	TOX
Ly6G	NCAM1	PGD	S100	<i>Treponema pallidum</i>
Lys-gingipain	Neutrophil elastase	PgP 9.5	S1P1	TrkA (phospho)
MADCAM1	Nfr2	pHER2/ErbB2 (Tyr1221/1222)	S1P5	TROP2
MAPK/p44/42	NRP-1	pHER3/ErbB3	SARS-CoV-2 nucleocapsid	TRPM8
Mast cell tryptase	Occludin	Phospho-histone H3 (ser10)	SDMA	Tryptase
MCL-1	OX40/CD134	PIN4 (HMW/P63/P504S)	SEMA4A	Thyroid Transcription Factor-1 (TTF-1)
Melan A	p16	Plectin	SEZ6	TUNEL
MERTK	P21	PMS2	SMA	TWIST
Mesothelin	p27	PMP70	SMAD5	TYRP1
Midasin	P53	PR	SMOX	Uroplakin1b
MLH1	P63	ProSP-C	Snail	Uteroglobin
MMP1	pAKT	PSA	SOX10	VAMP1
MMP12	pAKT(S129)	pSeparase (Ser1126)	SPHK2	VEGFR2/CD309
MMP14	pAKT(S473)	PSMA	Stathmin 1	Versican
MOG	PanMel (HMB45+MART-1+TYROSINASE)	pSMAD-5	STEAP2	Vimentin
MRGPRX2	PARP-cleaved	pSTAT1	ST2.1	VIPR1
MSH2	PAX-5	PTEN	Synaptophysin	VISTA
MSH6	PAX-8	PTGR1	Syndecan-1/CD138	VZV
MUC16/CA-125	PCK	PVR/CD155	Terminal Deoxynucleotidyl Transferease (TdT)	ZO-1
MUC5	PD-L1 (5 different clones)	PVR2	TF	
MUC5AC	PD-L2	PVRIG	TGF-beta	

Multiplex Immunofluorescence Markers

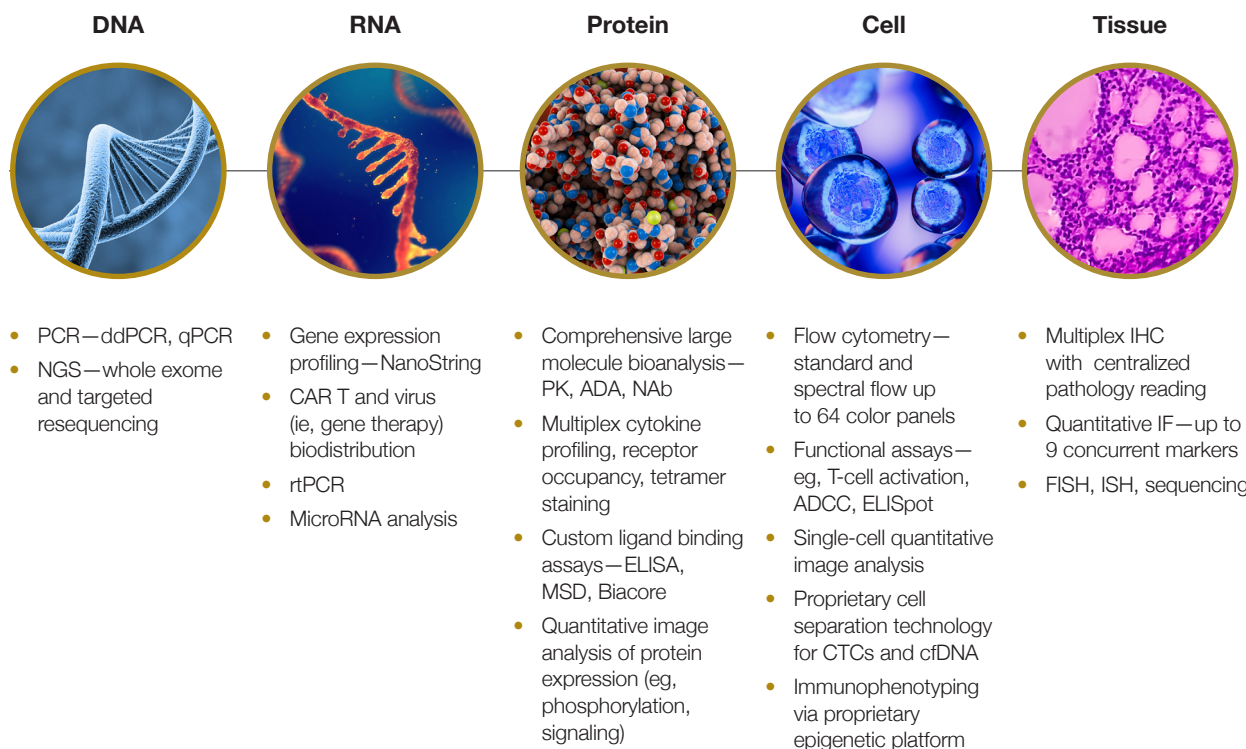
A2AR	CD15	CD86/B7-2	HLA-ABC	PMP70
ABCD1	CD16	CDK1	HLA-DR	ProSP-C
AcK27-H3	CD163	CK5	IFN gamma	pSeparase (Ser1126)
AcK40-Tubulin	CD177	c-MAF	Ig light chain kappa lambda	p-STAT1
AcK9-H3	CD19	c-myc	IL10RA	PVR/CD155
Ac-tubulin Lys40	CD1a	Collagen I	IL-12p70	PVRIG
ALK	CD1c	Collagen III	Keratin-16	PVRL2/CD112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

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