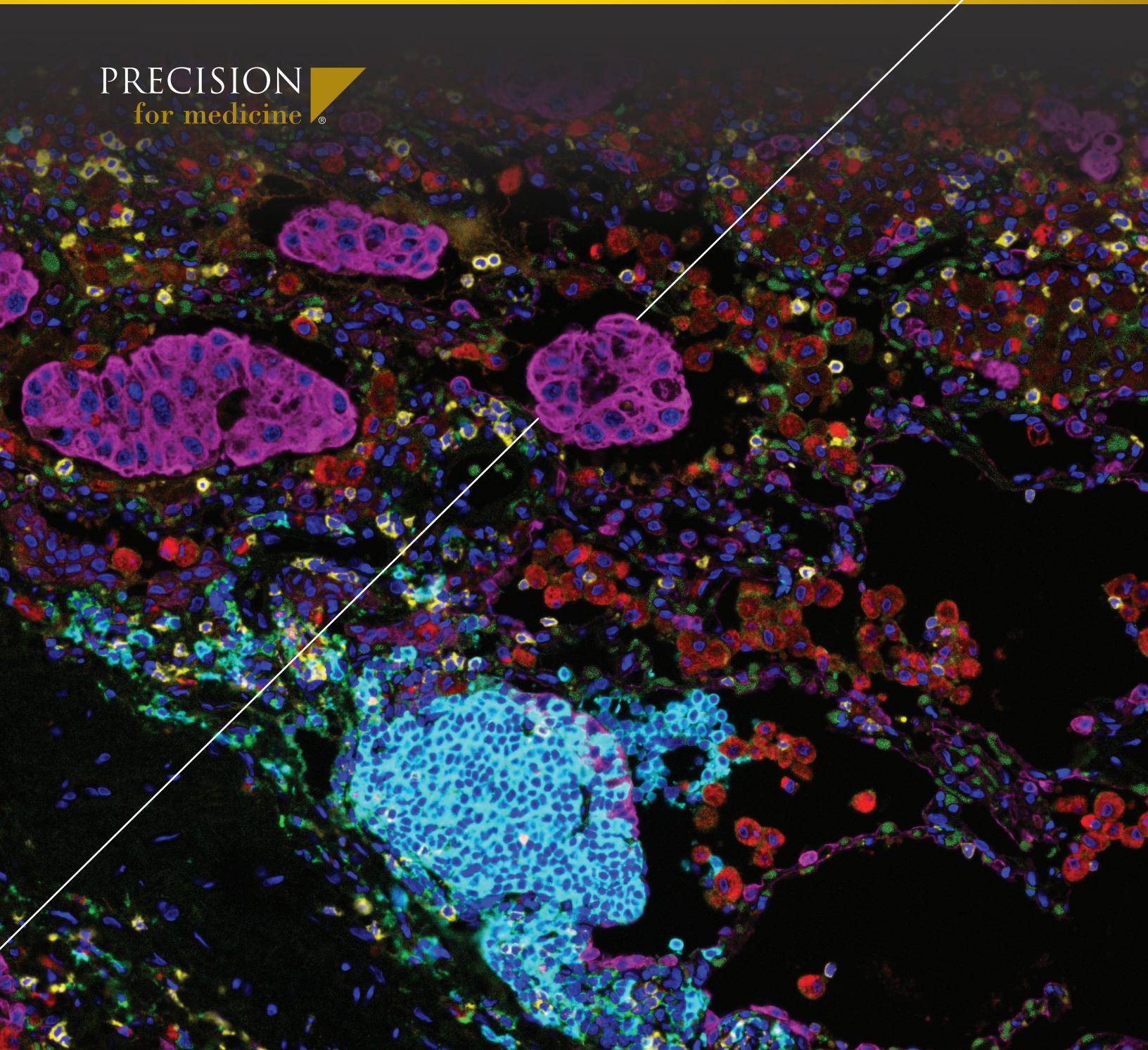


Immunohistochemistry (IHC) and Multiplex Immunofluorescence (mIF) Marker Test Menu

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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

53BP1	Alpha-methylacyl-CoA racemase (p504s)	BMP-9	CD1c	CD32
5T4	ALPPL-2	BMP-10	CD3	CD33
A2AR	AMP841	BRAF	CD3e	CD34
alpha-2-macroglobulin (A2M)	Aquaporin 3	BTNL8	CD4	CD36
ABCD1	AR	BubR1	CD5	CD38
ABCG2	AR-V7	C5AR1	CD7	CD40
Acetyl-histone H3	ASC1	CA19-9	CD8	CD40L
AcK9-H3	AT8 (PHF-Tau)	CA242	CD10	CD41
AcK27-H3	ATM	Calcitonin (Polyclonal)	CD11b	CD43
ACPP	Axin2	Calponin	CD11c	CD44
Acetyl- α -Tubulin (Lys40)	AXL	Calreticulin	CD14	CD45
Adipophilin	B7-H4	Calretinin (CAL6)	CD15	CD45RO
AE1/AE3	B12	Caspase 3-cleaved and total	CD16	CD46
AKR1B10	BAD	CBLB	CD19	CD47
AKR1C1/C2	Bax	CBLC	CD20	CD56
AKR1C3	β -Catenin	CC1	CD21	CD61
AKT	BCL2	CC8	CD23	CD68/SR-D1
ALDH1	BCL6	CCR2	CD24	CD69
ALDH1A1	Bcl-xl	CCR7	CD25/IL2R	CD71
ALDH3A1	BCMA	CCR8	CD30	CD73
ALK Protein (ALK-1)	BLC2	CD1a	CD31	CD79a

Immunohistochemistry Markers

CD80	CD223/LAG3	Claudin-18	Desmoglein 3	Filaggrin
CD86/B7-2	CD226/DNAM1	Cleaved Caspase 3	Detyrosinated α Tubulin	FoxM1
CD87	CD227/MUC1	Cleaved Gasdermin D	DLL3	FoxP3
CD103	CD276/B7H3	c-MAF	DNAI1	FRS2
CD105	CD300b	c-Met	E2F1	G6PD
CD112/PVRL2	CD303	c-Met (phospho)	EBER (EBV) ISH	GATA-3
CD117	CD309/VEGFR2	c-Myc (total)	E-Cadherin (E-CAD)	GD3
CD122	CDK1	CMV	EGFR	GDF5
CD123	CDX2	Coagulation Factor III	Elastin	GFAP
CD133	CEA	Collagen I	EMA	gamma-H2AX
CD134/OX40	CEACAM5	Collagen III	Ep-CAM (BER-EP4)	Gingipain R1
CD137/41BB	CEACAM7	CREB-2	EphA2	Gingipain R2
CD138/Syndecan-1	CEACAM8/CD66b	CTLA-4	ER	GITR
CD141	Chromogranin A	CTPS1	ERG	GITRL
CD142	cIAP-1	CTPS2	ERK1/2 (phospho)	Glu-Tubulin
CD146	CK2b	Cyclin A2	ERK1/2 (total)	GPR15
CD155/PVR	CK5	Cyclin B1	EZH2	GPR17
CD163	CK7	Cyclin D1	F4/80	GPR52
CD172a	CK16	Cytokeratin	Factor XIII	GPR183
CD177	CK20	Cytokeratin LMW (CAM5.2)	FAP	Granzyme B
CD184	CK903/Cytokeratin HMW	DCR3	FAP alpha	GUCY2C
CD200	CKB	Dectin-2	FGFR1	H. pylori
CD206	Claudin -1	Desmin	Fibrillin	H7CR

Immunohistochemistry Markers

HA	IBA-1	Lamin B1	Mono CEA/ Carcinoembryonic Antigen (CD66)	p27
HA-tag	ICAM-1	LC3		P53
HAS-1	ICOS	LC3A	MRGPRX2	P63
Helios/IKZF2	Id1	LIGHT	MSH2	pAKT
HER2/ErbB2	IDO-1	Lingo1	MSH6	pAKT(S129)
pHER2/ErbB2 (Tyr1221/1222)	IFN gamma	Loricrin	MUC5	pAKT(S473)
HER3/ErbB3	Ig light chain kappa lambda	LRP6	MUC5AC	Pan Melanoma (HMB45 + MART-1 + TYROSINASE)
pHER3/ErbB3	IgG2	Ly6C	MUC5B	
Her4	IgG4	Ly6G	MUC16/CA-125	PARP-cleaved
Herceptest (Her2)	IL10RA	Lys-gingipain	MUM1	PAX-5
Herpes Simplex Virus I (HSV I)	IL11RA	MADCAM1	Myelin Basic Protein (MBP)	PAX-8
Herpes Simplex Virus II (HSV II)	IL18	MAPK/p44/42	Myeloperoxidase	PCK
	IL18 R1	Mast cell tryptase	Myf-4	PD-L1 (5 different clones)
	IL18 RAP	MCL-1	Myosin	PD-L2
HGF	IL23R/CD25	Melan A	Napsin-A	pEGFR
HHV8		MERTK	N-Cadherin	pEIF2A
HIF 1a	iNOS	Mesothelin	NCAM1	Perforin
HLA-1	IRF (phospho)	Midasin	Nectin-4	pERK
HLA-A2	KAPPA ISH	MLH1	Neutrophil elastase	pERK 12
HLA-ABC	Keratin-16	MMP1	Nfr2	pFAK
HLA-DR	Ki-67	MMP12	NRP-1	pFRS2
HMB45	KLH	MMP14	Occludin	PGD
HP	L-12p70	MOG	p16	PgP 9.5
HSP90	LAMBDA ISH		P21	Phospho-histone H3 (ser10)

Immunohistochemistry Markers

PIN4 (HMW/P63/P504S)	PVRIG	SMAD5	TIGIT	Uroplakin1b
Plectin	RAD51	SMOX	TIM3	Uteroglobin
PMP70	Ran	Snail	TMIGD1	VAMP1
PMS2	RB1	SOX10	TNFR2	Versican
PR	ROR2	SP44	TOP1	Vimentin
PRAME	RORgT	SP74	TOP2	VIPR1
ProSP-C	ROS1	SPHK2	TOX	VISTA
PSA	S100	Stathmin 1	Treponema pallidum	VZV
pSeparase (Ser1126)	S1P1	ST2.1	TrkA (phospho)	ZO-1
PSMA	S1P5	Synaptophysin	TROP2	
pSMAD-5	SARS-CoV-2 nucleocapsid	α -Synuclein	TRPM8	
pSTAT1	SDMA	Terminal Deoxynucleotidyl Transferase (TdT)	Tryptase	
PTEN	SEMA4A	TGF-beta	TUNEL	
PTGR1	SEZ6	THOC7	TWIST	
PVR2	SMA	Thyroid Transcription Factor-1 (TTF-1)	TYRP1	

Multiplex Immunofluorescence Markers

A2AR	CD16	CDK1	HLA-ABC	ProSP-C
ABCD1	CD19	CEACAM8/CD66b	HLA-DR	pSeparase (Ser1126)
Ack9-H3	CD20	CK5	IFN gamma	p-STAT1
Ack27-H3	CD25/IL2R	c-MAF	Ig light chain kappa lambda	PVRIG
Acetyl- α -Tubulin (Lys40)	CD30	c-Myc	IL10RA	RB1
ALK	CD31	Collagen I	IL-12p70	ROR1
Aquaporin 3	CD33	Collagen III	Keratin-16	RORyT
B7H4	CD34	CRTAM	Ki-67	ROS1
BAD	CD38	Cyclin A2	KLRG1	S1P1
Bax	CD45	Cyclin B1	Lamin B1	S1P5
β -Catenin	CD45RO	Cyclin D1	LIGHT	SOX10
Bcl-xl	CD56	DCR3	Ly6C	SPHK2
C5aR1	CD68/SR-D1	DNAI1	Ly6G	TIGIT
CBLB	CD69	E2F1	MCL-1	TIM-3
CBLC	CD86/B7-2	E-Cadherin (E-CAD)	MMP1	TNFR2
CCR7	CD103	Elastin	MMP12	TOX
CCR8	CD112/PVRL2	EpCAM	MRGPRX2	Tryptase
CD1a	CD123	ERK 12	MUC5AC	TYRP1
CD1c	CD138/Syndecan-1	F4/80	MUC5B	Uteroglobin
CD3	CD141	Fibrillin	MUM1	Versican
CD3e	CD146	FoxM1	p16	Vimentin
CD4	CD155/PVR	FoxP3	pAKT(S479)	VISTA
CD7	CD163	Granzyme B	PCK	vWF
CD8	CD177	HA	PD-1	ZO-1
CD11b	CD206	HA-tag	PD-L1	
CD11c	CD223/LAG3	HAS-1	PD-L1 (E1L3N)	
CD14	CD226/DNAM1	HLA-1	p-ERK 12	
CD15	CD276/B7H3	HLA-A2	PMP70	

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