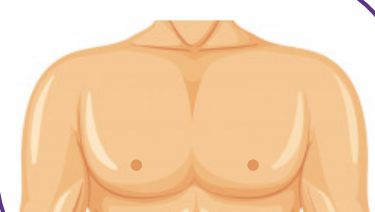


ORGAN WISE PANEL MARKERS

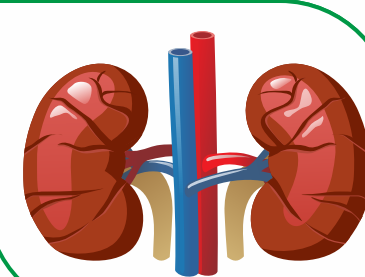
1. BREAST

GATA3	AR	BCA-225	
EMA	PR	Her2	
EGFR	p63	Calponin	
Myosin	SMA	Cathepsin D	BRCA1
CDK4	ER	E-Cadherin	COX2
MDM2	Ki67	Mammaglobin	GCDFP
MUC4	CK7	Topoisomerase II α	CK5/6



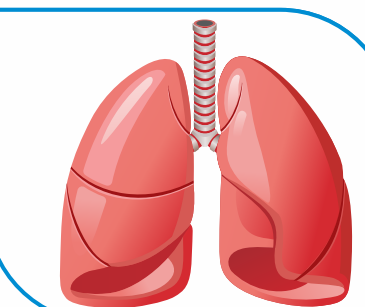
2. ADRENAL

EMA	Calretinin
CD10	Vimentin
CAM 5.2	PanCK



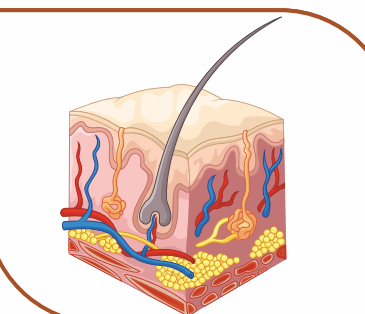
3. LUNG

p40	TFE3	TAG-72
p63	PDL1	CAM5.2
CK5/6	CK7	CKHMW
TTF1	CD147	Napsin A
CK20	ROS1	Calretinin
EGFR	INSM1	Desmoglin-3
		Podoplanin (D2-40)



4. SKIN

Desmin	CD163	Adipophilin
Melan A	CD34	Tyrosinase
HMB45	PRAME	Factor XIIIa
MITF	Vimentin	Cytokeratins
S100	Filaggrin	



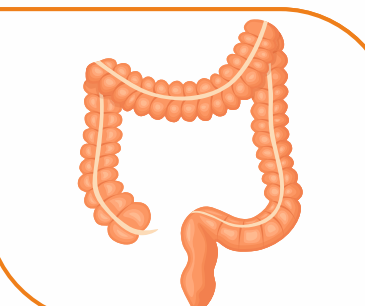
5. STOMACH

CK19	Survivin	H.Pylori
CK7	CAM5.2	CA19.9
CK20	EpCAM	CDX2
CAIX	Caspase3	
IL-1a	PanCK	



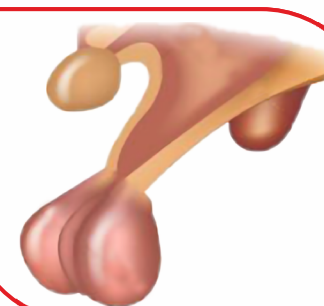
6. GASTRO INTESTINAL

CK19	MSH2	Calretinin	
DOG1	MSH6	HER2	
CD117	PMS2	MUC5AC	
MUC2	SATB2	β -Catenin	MLH 1
CEA	SDHB	H-Caldesmon	Villin
CDX2	CA19.9	PanCK	VIP
CK7	CA125	CDH17	
CK20	HepPar	Somatostatin Receptor 2A	



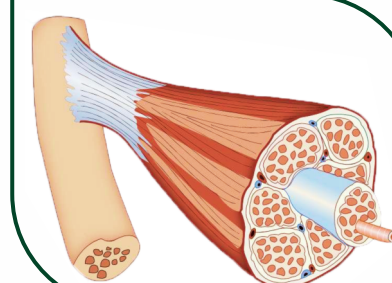
7. PITUITARY & BRAIN

HGH	FSH	Prolactin	
PAX5	TSH	BRAF V 600E	
CK20	LH	Neurofilament	
NSE	TTF 1	Synaptophysin	CDX 2
ACTH	NSE- γ	Chromogranin A	L1CAM
ATRX	IDH 1	Growth Hormone	
GFAP	S100	PGP 9.5	
Ki67	CD56	Topoisomerase II α	



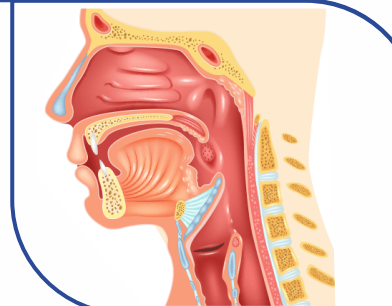
8. SOFT TISSUE

PanCK	Desmin	Vimentin
INI1	BCL2	β -catenin
S100	NKX2.2	ALDH1A1
SMA	HHV-8	Muscle Actin
Actin	MyoD1	H-Caldesmon
CD99	FactorVIII	Histone 3.3
CD31	Calponin	



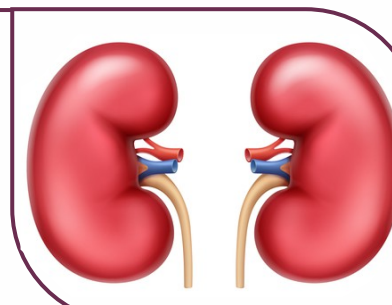
9. HEAD & NECK

p16	PAX8	CA19.9
p53	PCNA	Calretinin
NUT	TTF-1	Calcitonin
S100	CK5/6	Galectin-3
EBV	CD34	Thyroglobulin
CK7	CD68	Myosin Heavy Chain
CK20	CD31	



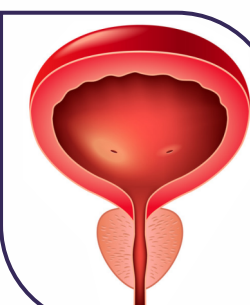
10. KIDNEY

PAX8	CD147	WT1
CK7	CAM5.2	TFE3
PAX2	Vimentin	RCC
CK20	Collagen IV	KIM1
CD10	Cathepsin D	
C4D	PanCK	



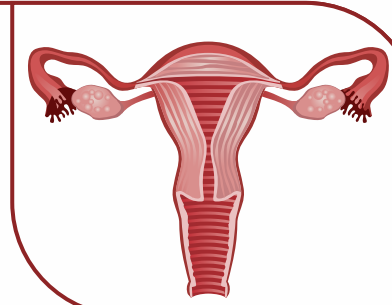
11. PROSTATE / TESTICULAR

p63	PSMA	CK7	Prostein
AR	PSAP	CK20	
PSA	ERG	PRAME	
AFP	CK5/6	AMACR	
SALL4	CD30	CKHMW	CD117
CK5/14	OCT4	PanCK	NKX3.1
			NKX2.2



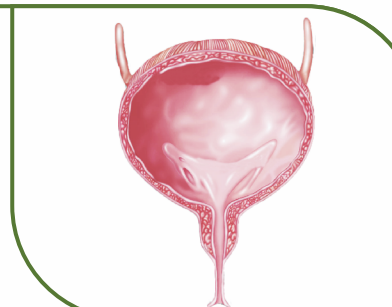
12. OVARIAN / GYNEC

PAX2	WT1	P21	
EGFR	ER	CA125	
MUC4	CK5/6	CDKG	
p16	MUC2	Inhibin	
Ki67	HPV	Vimentin	
KIM1	SDHB	Calretinin	
C-jun	CD56	MUC5AC	
CK20	PR	β -Catenin	CD34
PAX8	p53	Estradiol	Survivin
CD21	EMA	Mesothelin	CEA
CD35	CK7	PanCK	CA19.9



13. URINARY BLADDER

CK20	p53	Survivin
p40	S100	VEGF
CK5/6	p63	Uroplakin II
GATA3	CK7	Uroplakin III



14. LYMPHOMA

CD8*	Fascin	ALK ^{#†§}
CD79a ^{*#§}	CD43*	CD45/LCA
CD20 ^{#§}	PD1	CD7
CD138 [§]	CD3 [#]	CD38 [§]
BCL2	CD4*	ZAP-70
CD5 ^{*#}	EMA ^{#†}	CD11c
CD10 ^{*†§}	EBV ^{#§*}	HLA-DR
CD23*	CD30 ^{#†§}	BLA36
CD56 [§]	CD15 [#]	MUM1
BCL6 ^{*#†}	PAX5 [#]	Prostein
Ki-67	TgM	Granzyme B
BCL2 ^{*#}	TdT	CyclinD1
BOB1	CD21 [†]	Lambda
IgA	CD2	Kappa



For Small Cell B-cell Neoplasm (Mantle Cell Lymphoma, SLL/CLL, Follicular Lymphoma, MALT lymphoma, MZL, nodal, MZL, Splenic, Lymphoplasmacytic Lymphoma, and Hairy Cell Leukemia)



For differentiating nodular lymphocyte predominance Hodgkin's Lymphoma, Classic Hodgkin's Lymphoma, Anaplastic Large T-cell Lymphoma (ALCL), and T-cell rich, histiocyte-rich, B-Cell Lymphoma



Markers used for distinguishing CD4+ T-cell proliferation, including mycosis fungoides, adult T-cell Leukemia/Lymphoma, Angio-immunoblastic T-cell lymphoma, and ALCL



Lymphoid neoplasm with plasma blastic features, including plasmablastic lymphoma(PBL), PBL with Castleman disease, DLBCL, ALK+DLBCL, primary effusion lymphoma, pyothorax-associated lymphoma, and plasmablastic plasma cell myeloma



Distinguishing extranodal lymphomas with T-cell or NK-cell phenotype

