PathnSitu Biotechnologies

Your Advanced Tissue Pathology Partner

ORGAN-WISE ANTIBODY PANEL

CERTIFIED ISO 9001:2015 COMPANY | ISO 13485:2016 | FDA REGISTERED | CE

1. BREAST/MAMMARY PANEL

Estrogen Receptor -(EP1/ORAP)
Progesterone Receptor -(EP2/PRM122/PGRP)
HER2/ERBb2- (EP3/NGLP/PRM116)
GATA3 - (EP368/L50-823)
Mammaglobin - (EP249/SGAP)
GCDFP-15 -(EP95)
Androgen Receptor - (EP120)
FOXA1 - (EP277)
EMA/MUC1-(PEMP/EP85/GP1.4+E29/E29)
E-Cadherin- (EP6/CDCAP)
p120 Catenin- (EP66)
SOX10-(EP268/SRYP)
Cytokeratin 5/6 - (EBS1P)

Cytokeratin HMW- (34be12/K903P)
Ki67-(MIB1/GM010/PRM113)
TRIM29-(TRIM29/1041)
Calponin 1-(EP63)
Alpha Actin - (EP188/1A4)
Cathepsin -D- (EP81)
Cytokeratin 8/18 - (EP17&EP30/IFGFP)
(Cytokeratin AE1/AE3)/ PAN Cytokeratin -([AE1/AE3]/EHKP)
EpCAM- (TMGP/BER-EP4)
Cytokeratin 7-(EP16/[OVTL12/30])
p63- (4A4/PRM114/KETP)

2. LUNG / THORACIC PANEL

TTF-1- (EP229/HBPP)
Napsin A- (EP205/PRM124)
Cytokeratin 7-(EP16/OVTL12/30])
Cytokeratin 20- (EP23/Ks20.8)
p40-(delta NPP/PRM115)
p63- (4A4/PRM114/KETP)

Synaptophysin- (EP158/SYPP)
Chromogranin A-(EP38/Polyclonal)
INSM1- (IA1P)
EGFR-(EP22/HERP)
ALK - (1A4/EP302)
ROS1- (EP282)
PD-L1- (RM320)

ACE-2 -(PDAP)
Cytokeratin 14 - (LL002/NJFP)
Keratin- (CAM5.2)
Cytokeratin 17-(EP98)
CD56- (123C3/PRM123)
Ki67-(MIB1/GM010/PRM113)

GYNECOLOGIC PANEL

Ovarian
PAX8-(EP331/PRM133/PBGP)
WT1-(EP122/GUDP)
CA125 -(EP48/M16P)
Estrogen Receptor -(EP1/ORAP)
Progesterone Receptor -(EP2/PRM122/PGRP)
Mesothelin-(EP140)
Calretinin -(Polyclonal)
Inhibin Alpha- (R1)
SF1- (BBP)
Napsin A- (EP205/PRM124)
p53-(PRM129/DO-7/BP-53-12)

Endometrial
Estrogen Receptor -(EP1/ORAP)
Progesterone Receptor -(EP2/PRM122/PGRP)
p16-(JC8/PRM121)
MSH2-(RED2)
MSH6-(EP49/GTBP)
PMS2-(EP51/MMRP)
MLH1-(GM011)
PAX8-(EP331/PRM133/PBGP)

Cervical
Cytokeratin 14-(LL002/NJFP)
p16-(JC8/PRM121)
Ki67- (MIB1/GM010/PRM113)

p63- (4A4/PRM114/KETP)
Cytokeratin 5/6-(EP24&EP67/EBS1P)
Cytokeratin 10- (EP97)
Cytokeratin 13- (EP69)
Cytokeratin 17- (EP98)

Gestational Trophoblastic/Placenta
β-Hcg-(CGP/PRM131/CGBP)
Human Placental Lactogen- (EP241)
Keratin- (CAM5.2)

GENITOURINARY (GU) PANEL

Prostate
PSA- (EP109/APSP)
PSAP-(PASE/4LJ)
PSMA-(EP192)
NKX3.1-(EP356)
AMACR/P504S - (BOFAP/13H4)
ERG-(EP111/ETSP)
Prostein-(EP381)
Androgen Receptor - (Ep120)
FOXA1- (EP277)
Prostatic acid phosphtase-(EP53)
p63- (4A4/PRM114/KETP)
Cytokeratin HMW- (34be12/K903P)

Renal
PAX8-(EP331/PRM133/PBGP)
PAX2-(FSGSP/EP235)
Carbonic Anhydrase IX -(EP161)

Urothelial
GATA3- (EP368/L50-823)
Uroplakin III-(EP321/P35P)
p63- (4A4/PRM114/KETP)
Cytokeratin 5/6 -(EP24&EP67/EBS1P)
Thrombomodulin/CD141-(ZM105)
Cytokeratin 7 - (EP16/[OVTL12/30])
Cytokeratin 20 -(EP23/Ks20.8)

Germ Cell Markers
OCT3/4- (OTFP)
OCT4- (EP143)
PLAP - (EP194/PRM136)
SALL4 - (EP299/ZPSP)
AFP - (EP209/Polyclonal)
β-Hcg - (CGP/PRM131/CGBP)

KIM-1- (EP309)
CD10 - (MMEP/NEPP/C6D1)
Cytokeratin 7 - (EP16/[OVTL12/30])
Glypican-3- (1G12+GPC3/863)
Cytokeratin 13- (EP69)
Podoplanin- (D2-40/T1AP)

Vimentin- (EP21/V9)
TFE3- (EP285)
SOX2- (EP103)

GASTROINTESTINAL (GI) PANEL

GI / Gastric
Cytokeratin 7 - (EP16/OVTL12/30])
Cytokeratin 20 - (EP23/Ks20.8)
CDX2 - (EP25/TSGP)
EMA/MUC1-(PEMP/EP85/GP1.4+E29/E29)
MUC2-(EP187)
MUC5AC- (CLH2)
Villin- (ACBP)
CEA - (EP216/COL-1)
H. pylori- (Polyclonal/EP279)
SATB2- (EP281)
LI-Cadherin- (EP86)
Carbonic Anhydrase IX- (Ep161)
MUC4- (EP256)
CD117 - (Polyclonal/EP10/PRM117)
HER2/ERBb2- (EP3/NGLP/PRM116)

Colorectal
Cytokeratin 20 - (EP23/Ks20.8)
CDX2 -(EP25/TSGP)
SATB2-(EP281)
Villin-(ACBP)
CEA - (EP216/COL-1)
MUC2-(EP187)
β-Catenin -(EP35)
COX2 - (EP293/SP21)
MSH2- (RED2)
MSH6- (EP49/GTBP)
PMS2- (EP51/MMRP)
MLH1- (GM011)

Hepatobiliary / Liver
AFP - (EP209/Polyclonal)
HepPar1- (OCH1E5)
Arginase-1- (Arg1/1125+Arg1/1126)
Cytokeratin 7 -(EP16/[OVTL12/30])
IMP3- (EP286)
Glypican-3- (1G12+GPC3/863)

Pancreatic
CA19.9 - (121SLE)
EMA/MUC1- (PEMP/EP85/GP1.4+E29/E29)
Cytokeratin 7 - (EP16/[OVTL12/30])
Cytokeratin 19- (EP72)
CEA - (EP216/COL-1)

4. MELANOCYTIC / NEURAL PANEL

S100 Beta-(EP32)
SOX10-(EP268/SRYP)
MART1 / Melan A-(EP43/A103)
Melanosome - (HMB45)
PMEL17- (GP100P)
PRAME- (EP461)
GFAP- (EP13)
Olig2- (EP112)
Neurofilament- (EP79)
NeuN- (PFOX3)

PGP9.5- (Polyclonal)
SOX9- (EP317)
IDH1- ([IDH1/1152]-wild type)
NSE gamma- (ENO2/1462)
GRIA-2- (EP387)
BRAF V600E - (RM8)
ATRX - (D5/XH2P)
L1CAM- (EP411)
Myelin Basic Protein- (EP207)
Chromogranin A- (EP38/Polyclonal)

Synaptophysin- (EP158/SYPP)
INSM1- (IA1P)
CD56- (123C3/PRM123)

HEMATOLYMPHOID PANEL

B-Cell Markers
BCL2-(EP36)
CD19- (EP169)
CD20-(BCAP/L26)
CD21- (EP64/CR2P)
CD23-(EP75/FCEP)
CD35-(EP197/KNP)
CD79a -(EP82/MB1P)
PAX5- (EP156)
BCL6 -(EP278)
MUM1-(EP190)
BOB1/OBF1 -(PRM126)
Oct2-(EP284)
TCL1-(EP105)
CD74-(EP167)
FOXP1-(EP137)
CD45RB- (2B11+PD7/26/EP68)
CD10 -(MMEP/NEPP/C6D1)

Plasma Cell
CD138-(EP201/SDCP)
CD38 -(EP135/PRM135)
MUM1-(EP190)
Kappa Light Chain- (EP171)
Lambda Light Chain-(EP172/MCGP)
IgG4-(EP138)

Myeloid/Histiocytic/Langerhans
Glycophroin A- (EP213)
Myeloperoxidase-(EP151)
Lysozyme-(EP134)
CD68 - (KP1)
CD163-(EP324)
CD11c- (EP157)
CD209- (C209/1781)
Transcription Factor PU.1-(EP18)
Langerin/CD207- (EP349)
CD21- (EP64/CR2P)
CD23- (EP75/FCEP)
CD35- (EP197/KNP)
CD13- (EP117)
Fascin 1- (SPM133)
CD1a - (EP80)
Factor-XIII-A-(EP292)
CD41- (EP178)
Nucleophosmin-(28M1)
CD205- (EP176)
CD63- (EP211)

T-Cell Markers
CD103-(EP206)
CD2 -(EP222)
CD3 -(Polyclonal/TCRP)
CD4 -(EP204/TYP)
CD5-(EP77/LEU1P)
CD7 - (EP132/LEU9P)
CD8a- (EP334/[C8/468]/PRM118)
CD43- (DF-T1)
CD45RO- (UCHL1)
FOXP3- (EP340)
Granzyme B- (EP230)
Perforin-(PRF1/2470)
TdT- (DNTP/EP266)
PD1-(EP239/[PDCD1/922])
CTLA4-(GSEP)

Hodgkin / Activation
CD15-(BRA-4F1/EP273/MMA)
CD30-(BerH2/TRA30P/PRM128)
MUM1-(EP190)
PAX5- (EP156)

Common hemato lymphoid panel
CD57- (NK1)
Annexin A1-(BSB-95/EP433)
CD90-(EP56)
EBV LMP 1- (3H2104,a,b,c)
CD45RB- (2B11+PD7/26/EP68)
ALK - (1A4/EP302)
Cyclin D1- (EP12/PRM132/CNDP)
c-MYC- (EP121)

THYROID / ENDOCRINE PANEL

Thyroid Panel
TTF-1- (EP229/HBPP)
Thyroglobulin- (EP250)
TPO-(PRM127)
Calcitonin- (PCTP)
PAX8- (EP331/PRM133/PBGP)
Galectin-3- (EP412)
Cytokeratin 19- (EP72)

Pituitary Hormone Panel
ACTH - (AH26+57)
Growth Hormone -(EP267)
Prolactin-(EP193)
FSH-(EP257)
LH- (LHa/756)
TSH -(EP254)
Somatostatin- (SRIP)

Pancreatic Endocrine Marker
Insulin- (EP125)

Neuroendocrine Panel
Chromogranin A- (EP38/Polyclonal)
Synaptophysin- (EP158/SYPP)
INSM1- (IA1P)
CD56- (123C3/PRM123)

SOFT TISSUE / SARCOMA PANEL

Vimentin- (EP21/V9)
Desmin- (GM007)
Muscle Actin - (HUC1-1)
Alpha Actin -(1A4/EP188)
h-Caldesmon- (ZM79)
Caldesmon- (PRM134/EP19)
Calponin 1- (EP63)
Myogenin-(EP162/RPMDP)
MyoD1- (EP212/HLHTP)

Myoglobin- (EP87)
Myosin Heavy Chain-(EP166)
Myosin Light Chain- (EP99)
TLE1-(1F5)
STAT6-(EP325)
CD34- (EP88/Qbend10)
CD99- (EP8/MIC2P)
MDM2- (D7)
CDK4- (EP180)

DOG1- (EP332/ANO1P)
NKX2.2-((NX2/294))
COL1A1- (EP236)
MMP7-(EP388)
Collagen Type IV- (CO4P)
SOX - 9-(EP317)
CD117 - (Polyclonal/EP10/PRM117)

TRANSPLANT PATHOLOGY PANEL

Complement 4-D- (C4D204/EP272)
HLA-DRB1-(EP191)
CD20-(BCAP/L26)
CD3 -(Polyclonal/TCRP)
CD4 -(EP204/TYP)
CD8a- (EP334/[C8/468]/PRM118)

MESOTHELIAL PANEL

Calretinin- (Polyclonal)
WT1 -(EP122/GUDP)
Podoplanin- (D2-40/T1AP)
Mesothelin-(EP140)
Cytokeratin 5/6-(EP24&EP67/EBS1P)
Thrombomodulin/CD141-(ZM105)
EMA/MUC1-(PEMP/EP85/GP1.4+E29/E29)

VASCULAR / ENDOTHELIAL PANEL

Cd31- (EP78/GM006)
CD34- (EP88/Qbend10)
ERG- (EP111/ETSP)
Factor XIIIa-(EP292)
Von Willebrand Factor-(Polyclonal)

Cd105- (EP274)
Podoplanin- (D2-40/T1AP)
Glut-1- (EP141)
CD248- (EP383)
CD90- (EP56)

OTHER GENERAL MARKERS

ALK - (1A4/EP302)
ROS1-(EP282)
EGFR- (EP22/HERP)
HER2- (NGLP/PRM116/EP3)
PD-L1- (RM320)
BRAF -(PRM130)
IDH1- (IDH1/1152)
ATRX -(D5/XH2P)
INI1- (25)
RRM1-(EP242)
MDR1- (EP271)
BRG1 -(SNFP)
SDHB-(PGL4P)
p53-(PRM129/DO-7/BP-53-12)
Ki67-(MIB1/GM010/PRM113)
Cyclin D1- (EP12/PRM132/CNDP)
c-MYC- (EP121)
STAT6-(EP325)

CTLA4-(GSEP)
PD1-(EP239/[PDCD1/922])
ALDH1A1-(EP168)
HIF-1 Alpha- (EP118)
Cytokeratin 5/14 Cocktail- (EP24 & EP61)
Cytokeratin 8/18 Cocktail- (EP17&EP30/IFGFP)
MCM2-(EP40)
PCNA-(EP91)
Survivin-(EP119)
EP-Cam- (TMGP/BER-EP4)
Cyclin E1- (EP126)
Clusterin- (EP181)
Histone H3 Phospho(PT3)- (EP233)
MCM5- (EP84)
Annexin-VII-(EP367)
Serum Amyloid A-(EP335)
CD95- (EP208)
Geminin- (EP355)

MCM6- (EP375)
HSP-70- (EP377)
CD44- (HCAM/918)
Cytokeratin 18- (EP30)
Cytokeratin 17- (EP98)
p21-(CIP1P)
ACE-2 - (PDAP)
CD13 - (EP117)
Topoisomerase II α-(PRM125/TI2aP)
Cytokeratin 8- (IFGP)

MMR / MSI Panel
MSH2-(RED2)
MSH6- (EP49/GTBP)
PMS2-(EP51/MMRP)
MLH1- (GM011)
MSH3- (PRM119)

USA: California | **CANADA:** Toronto | **INDIA:** Hyderabad

www.pathnsitu.com

FOR MORE DETAILS