



UR  
MEDICINE

Labs

## IHC staining for Tissue Specimens

For questions, call Surgical Pathology: (585) 275-3191

### A

Adenovirus  
AE1 + 3  
Alpha-Fetoprotein  
Alpha-1-Antichymotrypsin  
Alpha-1-Antitrypsin  
Alpha Synuclein  
Alk-1  
Amyloid A (SAA)  
APP  
Androgen Receptor  
Arginase I

### B

$\beta$ -amyloid  
 $\beta$ -Catenin  
 $\beta$ -Tubulin  
BCL-2  
BCL-6  
Ber-EP4  
Bob-1  
Brst-2

### C

C3d  
C4d  
CA IX  
Ca 19.9  
CA125 Ovarian Antigen  
Calcitonin  
Calponin  
Calretinin  
Carcinoembryonic Antigen (CEAm)  
CD1a  
CD2  
CD3 (T-Cell)  
CD4 (Helper)  
CD5 (B-Cell)  
CD7 (T-Cell)  
CD8 (Suppressor)  
CD10  
CD15 (Leu-M1)  
CD20 (B-Cell L26)

### C (continued)

CD21  
CD23 (B-Cell)  
CD25 (IL-2)  
CD30 (Ki-1)  
CD31  
CD34  
CD43 (T-Cell)  
CD45 (LCA)  
CD56  
CD57  
CD61 (Platelet)  
CD68 (Macrophage)  
CD71  
CD79a  
CD99  
CD117 (C-kit)  
CD138 (Plasma Cell)  
CD163  
CDX2  
Chromogranin A  
Collagen IV  
Cyclin D-1  
Cytokeratin 5  
Cytokeratin 7  
Cytokeratin 14  
Cytokeratin 18  
Cytokeratin 19  
Cytokeratin 20  
Cytokeratin (CAM 5.2)  
Cytokeratin Cocktail (AE1/3&CAM5.2)  
Cytokeratin (High Molecular Weight)  
Cytomegalovirus

### D

D2-40  
Desmin  
DOG-1

### E

E-Cadherin  
EGFR (IHC)  
Epithelial Membrane Antigen (EMA)  
ERG

### F

Factor VIII  
Factor XIIIa  
Fibrinogen

### G

Gastrin  
GATA 3  
GFAP  
Glucagon  
GLUT-1  
Glycophorin A  
Glypican 3  
Grandzyme B

### H

Hairy Cell Leukemia  
HBME-1  
H-Caldesmon  
 $\beta$  – HCG  
Hemoglobin  
Hepatitis B Surface  
Herpes Simplex Virus 1  
HHV-8  
H.pylori  
HPV  
HMB 45  
HSA (Hep Par)  
HuC/HuD

### I

IDH-1  
IgA  
IgD  
IgG  
IgG4



## I (continued)

IgM  
Inhibin  
INI-1

## K

Kappa Light Chain (poly)  
Ki-67

## L

L523s (IMP3)  
Lambda Light Chain (poly)  
Lysozyme

## M

Mammoglobin  
Melan A  
MOC 31  
MUC-1  
MUC-2  
MUM-1  
Muscle Specific Actin (MSA)  
MyoD1  
Myogenin  
Myeloperoxidase (MPO)

## N

Napsin A  
Neural-N  
Neurofilament Protein (NFP)  
Neuron-Specific Enolase (NSE)  
NKX3.1

## O

OCT ¾  
OCT 2

## P

P16  
P40  
P53  
P57  
P63  
P504s  
Parathyroid Hormone (PTH)

## P (continued)

Parvovirus  
PAX-5  
PAX-8 (M)  
PAX-8 (P)  
PD-1  
PD-L1(22C3)  
Placental Alkaline Phosphatase  
Prealbumin  
Prostate Acid Phosphatase (PAP)  
Prostate Specific Antigen (PSA)

## R

Renal Cell Carcinoma

## S

S-100  
SALL 4  
Smooth Muscle Actin  
Somatostatin  
SOX 10  
SV-40  
Synaptophysin

## T

Tau  
Tdt  
Thyroglobulin  
TIA-1  
Toxoplasma  
T.pallidum  
Tryptase  
TTF-1

## U

Uroplakin III

## V

Varicella Zoster  
Vimentin

## Breast Carcinoma Group

Estrogen Receptor  
Progesterone Receptor  
HER2 (IHC reflex to FISH)  
Cytokeratin 5  
Ki-67

## Microsatellite Instability Proteins

MLH-1  
MSH-2  
MSH-6  
PMS--2

## Pituitary Panel

ACTH  
HGH  
Prolactin  
FSH  
LH  
TSH

## Multiplex Stains

Breast Multi Stain  
(CK5/14+P63+CK7/18)  
CD3/CD31  
CD68/CD31  
Ki67/CD31  
Kappa/Lambda  
PIN4 (HMW, p63, p504s)  
Lung - TTF/Napsin A  
Lung - p63/CK 5

## In situ

Epstein Barr Virus  
Kappa  
Lambda  
HPV (high risk)  
HPV (low risk)

## DIRECT IMMUNOFLUORESCENCE\*

IgG  
IgA  
IgG  
Complement 3 (C3)  
Fibrinogen  
(\*specimen must be received in Michel's transport media. Formalin tissue not accepted. Slides will not be returned. Images can be sent with report upon request.)

**HER2 FISH for Breast and Gastric Cancer also available upon request.**