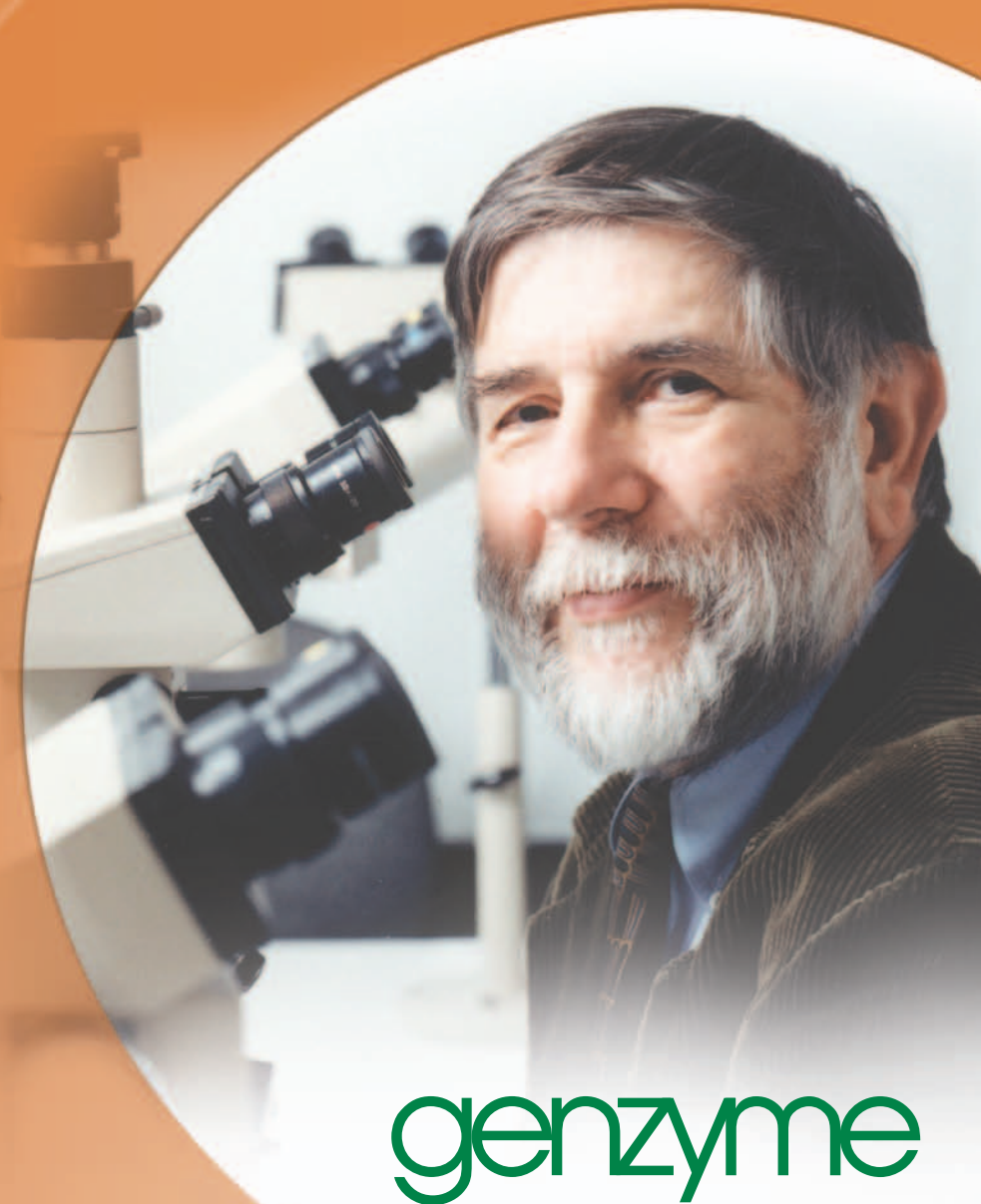




Antibody LIBRARY

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Antibodies/Tests For Hematologic Malignancies:

	Test Method:	Markers For:
ALK-1	IHC	Anaplastic Lymphoma Kinase, Anaplastic Large Cell Lymphoma
ALPHA BETA	FLOW	T-Cell Receptor
ANNEXIN 1	IHC	Hairy Cell Leukemia, Myeloid Cells
BCL-1 (Cyclin D1)	IHC	Mantle Cell Lymphoma, Multiple Myeloma Subset
BCL-2	IHC	Apoptosis Inhibitory Protein, Follicular Lymphoma, Other B -, T-Cell Lymphomas, B -, T-Cell Subsets
BCL-2	FLOW	Apoptosis Inhibitory Protein, Follicular Lymphoma, Other B -, T-Cell Lymphomas, B -, T-Cell Subsets
BCL-6	IHC	Follicular Center B-Cells, Follicular Lymphoma, DLBCL Subset
BOB-1	IHC	B-Cell Lymphocyte Transcription Factor, B-Cells
CD1a	IHC	Cortical Thymocytes, Langerhans Cell Histiocytosis, T-ALL Subset
CD1a	FLOW	Cortical Thymocytes, T-ALL Subset
CD2	IHC	Pan, Thymic and Peripheral T-Cells, NK Cells, Neoplastic Mast Cells
CD2	FLOW	Pan, Thymic and Peripheral T-Cells, NK Cells, Neoplastic Mast Cells
CD3	IHC	Pan T-Cells
CD3, surface	FLOW	Pan T-Cells
CD3, cytoplasmic	FLOW	Pan T-Cells
CD4	IHC	Helper/Inducer T-Cells, Thymocyte and Monocyte Subsets
CD4	FLOW	Helper/Inducer T-Cells, Thymocyte and Monocyte Subsets
CD5	IHC	Pan T-Cells, B-Cell Lymphoma Subsets (B-CLL/SLL and MCL), Thymic Carcinoma
CD5	FLOW	Pan T-Cells, B-Cell Lymphoma Subsets (B-CLL/SLL and MCL), Thymic Carcinoma
CD7	IHC	Pan T-Cells, NK Cells, Thymocytes, Rare AML
CD7	FLOW	Pan T-Cells, NK Cells, Thymocytes, Rare AML
CD8	IHC	Suppressor/Cytotoxic T-Cells, Thymocyte and T- /NK Cell Subsets, T-LGL Leukemia
CD8	FLOW	Suppressor/Cytotoxic T-Cells, Thymocyte and T- /NK Cell Subsets, T-LGL Leukemia
CD10	IHC	CALLA, Follicular Center B-Cells, Follicular Lymphoma, DLBCL Subset, Angioimmunoblastic T-Cell Lymphoma Subset, Neutrophils, Endometrial Stromal Cells, Myoepithelial Cells
CD10	FLOW	CALLA, Follicular Center B-Cells, Follicular Lymphoma, DLBCL Subset, Angioimmunoblastic T-Cell Lymphoma Subset, Neutrophils
CD11b	FLOW	Leukocyte Adhesion Receptor, Granulocytes, Monocytes
CD11c	FLOW	Leukocyte Adhesion Receptor, Monocytes/Macrophage, HCL, AML Subsets
CD13	FLOW	Monocytes/Macrophage, Myeloid Cells
CD14	FLOW	Mature Monocytes, Some Granulocytes, Macrophage
CD15	IHC	Epithelial, Myeloid and Reed Sternberg Cells, Hodgkin Lymphoma
CD15	FLOW	Myeloid Cells
CD16	FLOW	IgG Fc Receptor III-1, NK Cells, Granulocytes, Neutrophils
CD19	FLOW	Pan B-Cells, Rare AML with t (8;21)
CD20	IHC	Pan B-Cells
CD20	FLOW	Pan B-Cells
CD21	IHC	C3d Receptor, Follicular Dendritic Cells, B-Cell Subsets
CD22	IHC	Pan B-Cells
CD22	FLOW	Pan B-Cells
CD23	IHC	Low Affinity IgE Receptor, Follicular Dendritic Cells, B-Cell Subsets, B-CLL
CD23	FLOW	Low Affinity IgE Receptor, Follicular Dendritic Cells, B-Cell Subsets, B-CLL
CD25	IHC	IL2-Receptor, Activated T- and B-Cells, HCL, ATLL
CD25	FLOW	IL2-Receptor, Activated T- and B-Cells, HCL, ATLL
CD30	IHC	Ki-1: Activated T-, B-, Reed-Sternberg Cells, Embryonal Carcinoma, Anaplastic Large Cell Lymphoma, DLBCL Subset, Hodgkin Lymphoma
CD30	FLOW	Ki-1: Activated T-, B-, Reed-Sternberg Cells, Embryonal Carcinoma, Anaplastic Large Cell Lymphoma, DLBCL Subset
CD33	IHC	Monocytes, Myeloid Cells, AML, ALL Subsets

CD33	FLOW	Monocytes, Myeloid Cells, AML, ALL Subsets
CD34	IHC	Blasts, Endothelium, Stem Cells, Gastrointestinal Stromal Tumors
CD34	FLOW	Blasts, Endothelium, Stem Cells, Gastrointestinal Stromal Tumors
CD35	IHC	C3b Receptor, Follicular Dendritic Cells
CD38	FLOW	Plasma Cells, Activated T-, B- and Myeloid Cells
CD41a	FLOW	Fibrinogen Receptor, Platelets, Megakaryocytes
CD42a	FLOW	GPIL-Alpha Receptor, Megakaryocytes, Platelets
CD43	IHC	T-Cells, B-Cell Lymphoma Subsets (B-CLL/SLL, MCL, Burkitt), Plasma and Myeloid Cells, Histiocytes
CD43	FLOW	T-Cells, B-Cell Lymphoma Subsets (B-CLL/SLL, MCL, Burkitt), Plasma and Myeloid Cells, Histiocytes
CD45	IHC	Leukocyte Common Antigen
CD45	FLOW	Leukocyte Common Antigen
CD45RA	IHC	B-Cells
CD45RO	IHC	Activated/Memory T-Cells, B-Cell Subsets
CD52	FLOW	Thymocytes, Lymphocytes, Monocytes, Macrophages
CD55	FLOW	Decay Accelerating Factor, Leukocytes, Erythrocytes, PNH
CD56	IHC	Neural and Neuroendocrine Markers, NK Cells, Plasma and T-Cell Subsets, LGL Leukemia
CD56	FLOW	Neural and Neuroendocrine Markers, NK Cells, Plasma and T-Cell Subsets, LGL Leukemia
CD57	IHC	Neural and Neuroendocrine Markers, NK Cells, T-LGL Leukemia, T-Cell Subsets
CD57	FLOW	Neural and Neuroendocrine Markers, NK Cells, T-LGL Leukemia, T-Cell Subsets
CD59	FLOW	Reactive Lysis Inhibitor, Leukocytes, Erythrocytes, PNH
CD61	IHC	Glycoprotein IIIa, Integrin β-3, Megakaryocytes, Platelets
CD61	FLOW	Glycoprotein IIIa, Integrin β-3, Megakaryocytes, Platelets
CD64	FLOW	Monocytes, Macrophage
CD68	IHC	Histiocytes, Macrophage
CD71	FLOW	Transferrin Receptor, Activated T- and B-Cells, Macrophage
CD79a	IHC	Pan B-Cells
CD79a	FLOW	Pan B-Cells
CD103	FLOW	Mucosal Cell Antigen, HCL, Enteropathy Type T-Cell Lymphomas
CD117 (c-kit)	IHC	Myeloid and Mast Cells, Plasma Cell Subsets, Myeloblasts, Gastrointestinal Stromal Tumors
CD117 (c-kit)	FLOW	Myeloid and Mast Cells, Plasma Cell Subsets, Myeloblasts, Gastrointestinal Stromal Tumors
CD138	IHC	Plasma Cells, Subset of Epithelial Cells
CD138	FLOW	Plasma Cells, Subset of Epithelial Cells
CD163	IHC	Monocytes, Macrophage
Cyclin D1 (BCL-1)	IHC	Mantle Cell Lymphoma, Multiple Myeloma Subset
DBA44 (HCL)	IHC	Hairy Cell Leukemia, B-Cell Subsets
EBER	ISH	Epstein Barr Early RNA
EBV (LMP1)	IHC	Epstein Barr Virus
Factor VIII	IHC	Von Willebrand Factor, Endothelium, Megakaryocytes
GAMMA DELTA	FLOW	Gamma Delta T-Cell Receptor, T-Cell Subset
GPH-A	IHC	Glycophorin A, Erythroid Cells
GPH-A	FLOW	Glycophorin A, Erythroid Cells
GRANZYME-B	IHC	Cytotoxic T-Cell Subsets, NK Cells
HEMOGLOBIN A	IHC	Red Cell Precursors
HHV-8	IHC	Human Herpesvirus 8, Kaposi's Sarcoma, Primary Effusion Lymphoma
HLA-DR	IHC	MHC Class II Antigen, B-Cells, Monocytes, Myeloid Cells, AML, ALL
HLA-DR	FLOW	MHC Class II Antigen, B-Cells, Monocytes, Myeloid Cells, AML, ALL
IgA	IHC	Immunoglobulin A Heavy Chain
IgA	FLOW	Immunoglobulin A Heavy Chain
IgD	IHC	Immunoglobulin D Heavy Chain
IgD	FLOW	Immunoglobulin D Heavy Chain
IgG	IHC	Immunoglobulin G Heavy Chain

IgG	FLOW	Immunoglobulin G Heavy Chain
IgM	IHC	Immunoglobulin M Heavy Chain
IgM	FLOW	Immunoglobulin M Heavy Chain
KAPPA	IHC	Immunoglobulin Light Chain, B-Cells and Plasma Cells
KAPPA	FLOW	Immunoglobulin Light Chain, B-Cells and Plasma Cells
KAPPA	ISH	Immunoglobulin Light Chain, B-Cells and Plasma Cells - RNA
Ki-67	IHC	Cell Proliferation Marker
LAMBDA	IHC	Immunoglobulin Light Chain, B-Cells and Plasma Cells
LAMBDA	FLOW	Immunoglobulin Light Chain, B-Cells and Plasma Cells
LAMBDA	ISH	Immunoglobulin Light Chain, B-Cells and Plasma Cells - RNA
M-CELL TRYPTASE	IHC	Mast Cells
MPO	IHC	Myeloperoxidase
MPO	FLOW	Myeloperoxidase
MUM-1	IHC	Plasma Cells, Post Germinal B-Cells, Activated T-Cells, Reed-Sternberg Cells, DLBCL Subset
MURA	IHC	Muramidase, Lysozyme
NPM	IHC	Nucleophosmin Mutations in AML
OCT-2	IHC	B-Cell Lymphocyte Transcription Factor, B-Cells
p53	IHC	Mutated Tumor Suppressor Gene
PAX-5	IHC	B-Cell Transcription Factor, B-Cells, Reed-Sternberg Cells
TdT	IHC	Terminal Deoxynucleotidyl Transferase, Cortical Thymocytes, B-ALL, T-ALL
TdT	FLOW	Terminal Deoxynucleotidyl Transferase, Cortical Thymocytes, B-ALL, T-ALL
TIA-1	IHC	Cytotoxic T-Cell Subsets
TRAP	IHC	Tartrate-Resistant Acid Phosphatase, Hairy Cell Leukemia
ZAP-70	IHC	T-Cells, CLL/SLL Prognosis
ZAP-70	FLOW	T-Cells, CLL/SLL Prognosis

Antibodies/Tests For Solid Tumor Malignancies:

	Test Method:	Markers For:
Antibodies/Tests For Solid Tumor Malignancies:	Test Method:	Markers For:
A-ACT	IHC	Alpha-1-Antichymotrypsin, Histiocytes
A-AT	IHC	Alpha-1-Antitrypsin, Histiocytes, Alpha-1-Antitrypsin Deficiency
ACTH	IHC	Human Adrenocorticotrophic Hormone, Pituitary Profile
ACTIN	IHC	Muscle-Specific Actin, Muscle, Myofibroblastic and Myoepithelial Cells
ADENO	IHC	Adenovirus
AE1	IHC	Keratins: 40, 48, 50, 50' 56.5kD
AE1/AE3	IHC	Keratin Cocktail: 40, 48, 50, 52, 56, 56.5, 58, 59, 64, 65-67kD
AE3	IHC	Keratins: 52, 54, 56, 58, 59, 64, 65-67kD
AFP	IHC	Alpha Fetoprotein, Hepatocellular and Hepatoid Carcinomas, Germ Cell Tumors
ALK-1	IHC	Anaplastic Lymphoma Kinase, Anaplastic Large Cell Lymphoma
AMYLOID A	IHC	AA Protein
B72.3	IHC	Simple Epithelium, Adenocarcinomas
β-CATENIN	IHC	Soft Tissue Lesions
BCL-2	IHC	Apoptosis Inhibitory Protein, Follicular Lymphoma, Other B -, T-Cell Lymphomas, B -, T-Cell Subsets
Ber-EP4	IHC	Epithelial Antigen, Adenocarcinomas
CA 19.9	IHC	Pancreas, GI, Ovary, Lung and Bladder Tumors
CA125 (OC125)	IHC	Ovarian, Breast and Other Adenocarcinomas
CALCITONIN	IHC	Thyroid C-Cells, Medullary Carcinoma
CALDESMON	IHC	h-Caldesmon, Smooth Muscle and Myoepithelial Cells
CALPONIN	IHC	Myoepithelial, Myofibroblastic and Smooth Muscle Cells
CALRETININ	IHC	Calcium-Binding Protein, Mesothelial Cells, Sex Cord Stromal and Adrenal Cortical Tumors
CAM 5.2	IHC	Keratin: 52kD
CAM 5.2/AE1	IHC	Keratin Cocktail: 40, 43, 48, 50, 50' 52, 56.5kD

CD1a	IHC	Cortical Thymocytes, Langerhans Cell Histiocytosis, T-ALL Subset
CD3	IHC	Pan T-Cells
CD5	IHC	Immunoglobulin M Heavy Chain
CD10	IHC	Endometrial Stromal Cells, Myoepithelial Cells, CALLA, Follicular Center B-Cells, Follicular Lymphoma, DLBCL Subset, Angioimmunoblastic T-Cell Lymphoma Subset, Neutrophils
CD15	IHC	Epithelial, Myeloid and Reed Sternberg Cells, Hodgkin Lymphoma
CD20	IHC	Pan B-Cells
CD30	IHC	Ki-1: Activated T-, B-, Reed-Sternberg Cells, Embryonal Carcinoma, Anaplastic Large Cell Lymphoma, DLBCL Subset, Hodgkin Lymphoma
CD31	IHC	Endothelium, Tumor Angiogenesis, Plasma Cells
CD34	IHC	Blasts, Endothelium, Stem Cells, Gastrointestinal Stromal Tumors
CD43	IHC	T-Cells, B-Cell Lymphoma Subsets (B-CLL/SLL, MCL, Burkitt), Plasma and Myeloid Cells, Histiocytes
CD45	IHC	Leukocyte Common Antigen
CD56	IHC	Neural and Neuroendocrine Markers, NK Cells, Plasma and T-Cell Subsets, LGL Leukemia
CD57	IHC	Neural and Neuroendocrine Markers, NK Cells, T-LGL Leukemia, T-Cell Subsets
CD68	IHC	Macrophage, Histiocytes
CD99	IHC	Ewing Sarcoma, PNET, Other Small Cell Tumors
CD117 (c-kit)	IHC	Myeloid and Mast Cells, Plasma Cell Subsets, Myeloblasts, Gastrointestinal Stromal Tumors
CD163	IHC	Monocytes, Macrophage
CDX2	IHC	Intestine-Specific Transcription Factor, Colorectal Carcinoma
CEA(m)	IHC	Carcinoembryonic Antigen (Monoclonal), Adenocarcinomas
CEA(p)	IHC	Carcinoembryonic Antigen (Polyclonal), Adenocarcinomas
CHR	IHC	Chromogranin A, Neural and Neuroendocrine Tumors
Chymotrypsin	IHC	Exocrine Pancreas, Acinar Cell Tumors
CK5,6	IHC	Keratins: 58kDa, 56kDa, Mesothelial and Squamous Cells, Some Adenocarcinomas
CK7	IHC	Keratin: 54kD, Subset of Carcinomas
CK8 (358H11)	IHC	Low Molecular Weight Keratin: 54kD
CK14	IHC	High Molecular Weight Keratin: 50kD, Squamous Cells
CK17	IHC	High Molecular Weight Keratin: 46kD, Pancreatobiliary Adenocarcinomas
CK19	IHC	Low Molecular Weight Keratin: 40kD
CK20	IHC	Keratin: 46kD, Subset of Carcinomas
CK903 (348E12)	IHC	High Molecular Weight Keratins: 50, 56.5, 58, 68kD
CMV	IHC	Cytomegalovirus
COLL IV	IHC	Collagen Type IV
D2-40	IHC	Mesothelial Cells, Lymphatic Invasion, Malignant Mesothelioma
DESMIN	IHC	Striated and Smooth Muscle, Leiomyosarcomas, Rhabdomyosarcomas, Desmoplastic Small Round Cell Tumors
EBER	ISH	Epstein Barr Early RNA
EBV	IHC	Epstein Barr Virus, Latent Membrane Protein
E-cadherin	IHC	Epithelial Cells, Lobular vs. Ductal Carcinoma of Breast
EGFR (pharmDx®)	IHC	Epidermal Growth Factor Receptor
EMA	IHC	Epithelial Membrane Antigen
ER	IHC	Estrogen Receptor
ERCC1	IHC	Excision Repair Cross-Complementation Group 1, Primarily in Lung
Factor VIII	IHC	Von Willebrand Factor, Endothelium, Megakaryocytes
Factor XIIIa	IHC	Dendritic Interstitial Cells, Fibrohistiocytic Tumors
FLI-1	IHC	Ewing Sarcoma, PNET, Vascular Tumors
FSH	IHC	Follicle Stimulating Hormone (Beta), Pituitary Profile
GASTRIN	IHC	Carcinoid and Islet Cell Tumors
GCDFFP-15	IHC	Gross Cystic Disease Fluid Protein-15, Breast, Salivary Gland and Skin Appendage Tumors
GFAP	IHC	Glial Fibrillary Acidic Protein, Astrocytic Tumors
GH	IHC	Growth Hormone, Pituitary Profile

GLUCAGON	IHC	Islet Cell Tumors
HAM56	IHC	Macrophage, Histiocytes
HBsAg	IHC	Hepatitis B Core Antigen
HBsAg	IHC	Hepatitis B Surface Antigen
HBME-1	IHC	Mesothelial Cells, Some Adenocarcinomas
HBP	IHC	Helicobacter Pylori
HCAg	IHC	Hepatitis C Antigen
HCG	IHC	Human Chorionic Gonadotropin (Beta), Germ Cell Tumors, Trophoblastic Disease
HepPar 1	IHC	Hepatocellular Carcinoma, Hepatoid Tumors, Germ Cell Tumors
HER-2 (HercepTest®)	IHC	HER-2 Protein Overexpression
HHV-8	IHC	Human Herpesvirus 8, Kaposi's Sarcoma, Primary Effusion Lymphoma
HMB-45	IHC	Melanoma-Associated Marker
hMLH-1	IHC	DNA Mismatch Repair Protein
hMSH-2	IHC	DNA Mismatch Repair Protein
hMSH-6	IHC	DNA Mismatch Repair Protein
HPAP	IHC	Human Prostatic Acid Phosphatase
HPL	IHC	Human Placental Lactogen, Intermediate Trophoblasts
HPV 6/11	ISH	Human Papilloma Virus Subtype
HPV 16/18	ISH	Human Papilloma Virus Subtype
HPV 31/33	ISH	Human Papilloma Virus Subtype
HPV WSS	ISH	Human Papilloma Virus Wide Screen Subtypes (6.11,16,18,30,31,33, 35,45,51,52)
HSV II	IHC	Herpes Simplex Virus, Type II (Crossreacts with Type I)
INHIBIN	IHC	Sex Cord Stromal and Adrenal Cortical Tumors
INSULIN	IHC	Islet Cell Tumors
JC Virus	ISH	Progressive Multifocal Leukoencephalopathy Virus
Ki-67	IHC	Cell Proliferation Marker
Lewis X	IHC	Blood Group Antigen, Urothelial and Other Tumors
Lewis Y	IHC	Blood Group Antigen, Epithelial Cells
LH	IHC	Luteinizing Hormone, Pituitary Profile
Lipase	IHC	Exocrine Pancreas, Acinar Cell Tumors
MAMMAGLOBIN	IHC	Breast Carcinomas
MART-1	IHC	Melanoma-Associated Marker
Melan A	IHC	Melanoma-Associated Marker, Adrenal Cortical Tumors
MiTF	IHC	Microphthalmia-Associated Transcription Factor, Melanoma-Associated Marker
MOC 31	IHC	Epithelial Cells, Adenocarcinomas
MUC-1 GLYCOPROTEIN	IHC	Pancreatobiliary and Extra-Pancreatobiliary Non-Mucinous Adenocarcinomas
MUC-2 GLYCOPROTEIN	IHC	Colorectal Adenocarcinoma and Mucinous Adenocarcinomas of Various Sites
MYOD1	IHC	Rhabdomyosarcoma
MYOGENIN	IHC	Rhabdomyosarcoma
NB84a	IHC	Neuroblastoma Tumor Cells (For bone marrow aspirate-fresh specimen only)
Neu-N	IHC	Neuronal Differentiation
NF	IHC	Neurofilament, Merkel Cell and Neural Tumors
NKI	IHC	Melanoma-Associated Marker
NSE	IHC	Neuron Specific Enolase
OC125 (CA125)	IHC	Ovarian, Breast and Other Adenocarcinomas
OCT3-4	IHC	Testicular Germ Cell Tumors
p16	IHC	HPV-Associated Dysplasia/Carcinoma (CINtec® p16INK4a)
p27/Kip1	IHC	Cyclin-Dependent Kinase Inhibitor
P504S	IHC	α-Methylacyl-CoA-Racemase, Prostatic Carcinoma and High Grade PIN
p53	IHC	Mutated Tumor Suppressor Gene
p57	IHC	Molar vs. Non-Molar Gestation
p63	IHC	Prostatic Basal Cells, Breast Myoepithelial Cells, Squamous Carcinoma

Pan-Melanoma Cocktail	IHC	Melanoma and Melanocytic Lesions (HMB45, MART-1 and Tyrosinase)
PC	IHC	Pneumocystis Carinii
PLAP	IHC	Hepatitis B Core Antigen
PMS2	IHC	DNA Mismatch Repair Protein
PNRA (RCC)	IHC	Renal Cell Carcinomas
PR	IHC	Progesterone Receptor
PROLACTIN	IHC	Pituitary Profile
PSA	IHC	Prostate Specific Antigen
PTH	IHC	Parathyroid Hormone
PTS	IHC	Prostate Triple Stain: P504S (α- Methylacyl-CoA-Racemase), p63 (Prostatic Basal Cells), CK903 (348E12 - High Molecular Weight Cytokeratin); Prostatic Carcinoma and High Grade PIN
Rb	IHC	Retinoblastoma Gene Protein
RCC (FNRA)	IHC	Renal Cell Carcinomas
S100	IHC	S100 Protein, Nerve Sheath Tumors, Melanomas, Chondrocytes
SERO	IHC	Serotonin, Carcinoids, Islet Cell Tumors
SMA	IHC	Smooth Muscle Actin, Myofibroblastic and Myoepithelial Cells, Leiomyosarcomas
SMM-HC	IHC	Smooth Muscle Myosin-Heavy Chain, Breast Myoepithelial Cells,
SOMA	IHC	Somatostatin, Islet Cell Tumors, Carcinoids
SP- A	IHC	Surfactant Protein A, Lung Adenocarcinomas
SYN	IHC	Synaptophysin, Neural and Neuroendocrine Tumors
TAU	IHC	Neurofibrillary Tangles, Lewy Bodies
THROMBOMODULIN	IHC	Mesothelial Cells, Mesothelioma
THYRO	IHC	Thyroglobulin
TOXO	IHC	Toxoplasmosis
TRYPsin	IHC	Exocrine Pancreas, Acinar Cell Tumors
TS	IHC	Thymidylate Synthase
TSH	IHC	Thyroid-Stimulating Hormone, Pituitary Profile
TTF-1	IHC	Thyroid Transcription Factor-1, Lung and Thyroid Carcinomas