

Primary Antibody List

November 10, 2012

MHPL #	Primary Antibody	Reactivity	Function
1	Ki67	m	Proliferation
4	Glial Fibrillary Acidic Protein (GFAP)	h.m.r	Astrocyte
5	S100	h.m.r	Astrocyte
7	Smooth Muscle Antibody (SMA)	h.m.r	Smooth Muscle Actin
8	CD3	h.m.r	T cell
9	Microphthalmia-associated Transcription Factor (MITF)	h.m.r	Melanocyte/Melanoma
10	Brdu	h.m	Proliferation
12	Melanoma Cocktail	h.m.r	Melanoma
13	CD31/PECAM-1	m	Endothelial cell
14	Digoxigenin	-	-
15	Progesterone Receptor (PR)	h.m.r	Steroid receptor
16	Glucagon	h.m.r	Hormone
17	Desmin	h.m.r	Muscle
18	Vimentin	h.m.r	Intermediate filament
19	Phosphohistone H3 (pH3)	h.m.r	Proliferation
20	CD68	m.r	Macrophage
21	CD34	m	Endothelial cell
22	Cyclin D1	h.m.r	Proliferation
23	Caspase 9	h.m.r	Apoptosis
24	Glucose-Regulated Protein 94 (Grp94/gp96)	h.m.r	Endoplasmic reticulum
25	CD45R/B220	m	B cell
26	Mac 3	m	Macrophage
27	p27/Kip1	m.r	Differentiation
28	F4/80	m	Macrophage
29	Cadherin, Pan	h.m.r	Adhesion molecule
30	NeuN	h.m.r	Neuronal
31	CD138	m	Endothelial cell and B cell
32	Casp3 cleaved/activated	h.m.r	Apoptosis
33	Von Willebrand Factor (vWF)	m.r	Endothelial cell
34	Cyclooxygenase 2 (COX2)	h.m.r	Inflammatory response
35	Estrogen Receptor alpha (ER)	h.m.r	Steroid receptor
36	Protein Gene Product 9.5 (PGP9.5)	h.m.r	Neuronal
37	CD34	h.m.r	Endothelial cell
38	CD45	m	Mesenchymal Stromal Cell
39	Ki67	h.m.r	Proliferation
40	HER2/ErbB2 (29D8)	h.m.r	Oncogene