

MB K2	BRAIN	STR. MUSCLE	SKIN	MELANOMA
Caveolin (Membrane)	0	Membranes of all muscle cells	0	0
CK1 Cytokeratin 1 (Cytopl)	0	0	Suprabasal squamous epithelial cells	Suprabasal squamous epithelial cells
CK5 Cytokeratin 5 (Cytopl)	0	0	Squamous epithelial cells and myoepithelial cells in sweat glands	Squamous epithelial cells and myoepithelial cells in sweat glands
CK5/6 Cytokeratin 5/6 (Cytopl)	0	0	Squamous epithelial cells and myoepithelial cells in sweat glands	Squamous epithelial cells and myoepithelial cells in sweat glands
CK10 Cytokeratin 10 (Cytopl)	0	0	Suprabasal squamous epithelial cells	Suprabasal squamous epithelial cells
CK17 Cytokeratin 17 (Cytopl)	0	0	Myoepithelial cells in sweat glands	0
CK HMW (34BE12) High mol weight cyto keratin (Cytopl)	0	0	Squamous epithelial cells and myoepithelial cells in sweat glands	Squamous epithelial cells and myoepithelial cells in sweat glands
DYS2 Dystrophin 2 (Membrane)	0	Membranes of all muscle cells	0	0
DYSFERLIN (Membrane)	0	Membranes of all muscle cells and cytoplasmic granular reaction	Smooth muscle cells in vessels	0
EMERIN (Nuclear)	Almost all cells – nuclear membrane	Almost all cells – nuclear membrane	Almost all cells – nuclear membrane	Almost all cells – nuclear membrane
FMYO Fast myosin (Cytopl)	0	Fast muscle fibres	0	0
FXIII Factor XIII (Cytopl)	0	Fibroblasts	Fibroblasts	Fibroblasts
GFAP Glial fibrillary acid protein (Cytopl)	Astrocytes	0	Myoepithelial cells in sweat glands and peripheral nerves	Peripheral nerves
LAMIN Lamin A/C (Nuclear)	Almost all cells – nuclear membrane	Almost all cells – nuclear membrane	Almost all cells – nuclear membrane	Almost all cells – nuclear membrane
MEROSIN (Membrane)	0	Membranes of all muscle cells	0	0
MITF Microphthalmia transcription factor (Nuclear)	0	Weak reaction in muscle cells	Melanocytes – a weak reaction can be seen in fibroblasts	Melanoma cells
Melan A (Cytopl)	0	0	Melanocytes	Melanoma cells
MSA Melanosome specific antigen (Cytopl)	0	0	Negative – only reactive normal melanocytes are pos	Melanoma cells

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SARC-A Alfa- sarcoglycane	0	Membranes of muscle cells	0	0
SARC-B Beta- sarcoglycane (Membrane)	0	Membranes of muscle cells	0	0
SARC-D Delta- sarcoglycane (Membrane)	0	Membranes of muscle cells	0	0
SARC-G Gamma- sarcoglycane (Membrane)	0	Membranes of muscle cells	0	0
SMYO Slow myosin (Cytopl)	0	Slow muscle fibres	0	0
VEGF Vascular endothelial growth factor (Cytopl)	0	0	0	Melanoma cells