



<b>Tumor type</b>	<b>Immunohistochemical markers</b>
Breast panel	ER, PR, HER2, KI67
Chondroblastoma	H3.3B-K36M
CHordoma	CKAE1/AE3(LMW), BRACHYURY
Clear cell sarcoma	S100, Melanoma Cocktail (HMB45-A103-T311)
Dermatofibrosarc Protuberans	CD34
Epithelioid sarcoma	CKAE1/AE3(LMW), EMA, INI1, CD34
Ewing sarcoma	CD99, CD45, TDT
Giant Cell Tumor of Bone	H3.3A-G34W, H3.3A-G34R, H3.3A-G34V
Leiomiomasarcoma	ACTINA L, CALDESMONE, DESMINA
Lymphoma	CD45, CD3, CD20
Langerhans cell histiocytosis	S100, CD1A
Low-Grade Central Osteosarcoma	MDM2, CDK4
Malignant peripheral nerve sheath tumor	H3K27me3
Melanoma	S100, Melanoma Cocktail (HMB45-A103-T311)
Merkel cell carcinoma	CKAE1/AE3(LMW), CK20, TTF1, CROMOGRANINA, SINAPTOFISINA
Metastasis	CKAE1/AE3(LMW), CK7, CK20, CDX2, TTF1, (PSA), (ER), (PR)
Muscle markers	ACTINA L, CALDESMONE, DESMINA
Neuroblastoma	S100, DESMINA, CD99, CD45, CROMOCIRANINA, SINAPTOFISINA
Neurofibromatosis	S100, GFAP, (NF)
Osteoid Osteoma, osteoblastoma	FOSB
Osteosarcoma	SATB2
Rhabdomyosarcoma	ACTINA L, DESMINA, MIOGENINA
Schwannoma	S100
Small round cell tumor	CD99, CD45, TDT
Solitary fibrous tumor	CD34, STAT6
Synovial sarcoma	CKAE1/AE3(LMW), EMA, SSX, S18-SSX
Undifferentiated pleomorphic sarcoma (UPS)	CKAE1/AE3(LMW), S100, ACTINA L, CALDESMONE, DESMINA
Vascular markers	ACTINA L, CD31, CD34, CAMTA1, TFE3, FOSB
Well/Dedifferentiated Liposarcoma	MDM2, CDK4