

Diagnosis	Immunohistochemical & Molecular Markers						
Desmoplastic small round cell	CKCKT	Vimentin	Desmin	WT-1	NSE	CD99	Myogenin
	FISH for EWS translocation						
Ewing's / PNET	CD99	S100 (20%)	SOX10				
	FISH for EWS translocation						
Lymphoblastic lymphoma	CD45	TdT	CD10	CD79a	PAX5	CD3	
Merkel cell carcinoma	CKCKT	CK20 (dot-like)	Synapto	Chromogr	PAX5 (93%)	TTF1	
Neuroblastoma	NF	CD56	Synapto	Chromogr	CD99		
	FISH for N-MYC amplification						
Rhabdomyosarcoma - embryonal	Myogenin	Desmin	MSA				
Rhabdomyosarcoma - alveolar	Myogenin (diffuse)	Desmin	MSA				
	FISH for FKHR translocation; t(2:13) or t(1;13) [FKHR also known as FOXO1]						
Small cell carcinoma	CKCKT	Synap	Chromogr	TTF-1	PAX5 (73%)	CK20	
Wilms tumor	WT1	Vimentin	PAX2	CKCKT	EMA		