

Supplementary Table 1. Primary antibodies and immunohistochemical protocols (Benchmark XT Ventana; Roche Diagnostics). All dilutions were performed using a commercial diluent (Ventana Medical Systems). The detection kit was a multimer-technology–based detection system (OptiView universal DAB detection kit).

	CD3	CD5	CD20	CD79a	CD204	E-cadherin	IBA-1	MUM1	PAX5
Primary antibody	Monoclonal rabbit anti-human Clone 2GV6 (Ventana) Prediluted	Monoclonal rabbit anti-human Clone SP19 (Spring) Dilution 1:50	Polyclonal rabbit anti-human PA5-16401 (Thermo Fisher) Dilution 1:800	Monoclonal mouse anti-human Clone HM57 (Dako) Dilution 1 :80	Monoclonal mouse anti-human Clone SRA-E5 (Abnova) Dilution 1:1500	Monoclonal mouse anti-human Clone 4A2 (Cell Signaling) Dilution 1:150	Monoclonal rabbit anti-human Clone EPR16588 (Abcam) Dilution 1:2000	Monoclonal rabbit anti-human Clone MRQ-43 (Ventana) Prediluted	Monoclonal rabbit anti-human Clone SP34 (Spring Biosciences) Dilution 1:50
Incubation time	32 min	32 min	32 min	90 min	32 min	32 min	32 min	32 min	60 min
Antigen retrieval	32 min (95°C-CC1)	32 min (95°C-CC1)	32 min (95°C-CC1)	60 min (95°C-CC1)	40 min (95°C-CC1)	32 min (95°C-CC1)	32 min (95°C-CC1)	32 min (95°C-CC1)	32 min (95°C-CC1)
Positive control	Canine lymph node	Canine lymph node	Canine lymph node	Canine lymph node	Canine lymph node	Canine skin	Canine lymph node	Canine lymph node	Canine lymph node

CC1 = cell conditioning 1; MUM1 = multiple myeloma 1.