

**Tables S3–S6: Contingency tables comparing the results of immunolabeling for CD3 applied to previous Romanowsky-stained cytology slides (RSC) and to the matched cell blocks (CB) in 53 canine and feline lymphomas and 4 lymphocyte-rich (chylous) effusions.**

**Table S3:** Matrix comparing the positivity scores of immunolabeling of CD3 in previous-stained cytology (RSC) and in cell blocks, as assessed by a board-certified pathologist. Score 0: no positive cells; score 1:  $\leq 25\%$ ; score 2:  $>25$  and  $\leq 50\%$ ; score 3:  $>50$  and  $\leq 75\%$ ; score 4:  $> 75\%$  of positive cells.

RSC	CB				
	0	1	2	3	4
0	10	8	1	3	8
1	3	8	1	0	2
2	1	0	0	1	0
3	0	0	0	0	3
4	0	0	0	0	4

**Table S4:** Matrix comparing the intensity of immunolabeling of CD3 in previous-stained cytology (RSC) and in cell blocks (CB), as assessed by a board-certified pathologist. 0: no positive cell; level 1: weak staining; level 2: moderate staining; level 3: intense staining, as compared to controls.

RSC	CB			
	0	1	2	3
0	0	1	6	7
1	0	1	8	10
2	0	0	0	9
3	0	2	0	7

**Table S5:** Matrix comparing the background staining after the immunolabeling of CD3 in previous-stained cytology (RSC) and in cell blocks (CB), as assessed by a board-certified pathologist. 0: no background staining; 1: weak; 2: moderate; 3: intense background staining.

RSC	CB			
	0	1	2	3
0	26	4	0	0
1	10	3	0	0
2	5	3	0	0
3	1	0	0	0

**Table S6:** Matrix comparing the presence non-specific staining after the immunolabeling of CD3 in previous-stained cytology (RSC) and in cell blocks (CB), as assessed by a board-certified pathologist. 0: non-specific staining absent; 1: non-specific staining present.

RSC	CB	
	0	1
0	32	2
1	15	3

**Supplemental Tables S7–S10: Contingency tables comparing the results of immunolabelling for PAX5 applied to previous Romanowsky-stained cytology slides (RSC) and in matched cell blocks (CB) in 53 canine and feline lymphomas and 4 lymphocyte-rich (chylous) effusions.**

**Table S7:** Matrix comparing the positivity scores of immunolabeling of PAX5 in previous-stained cytology (RSC) and in cell blocks (CB), as assessed by a board-certified pathologist. Score 0: no positive cells; score 1:  $\leq 25\%$ ; score 2:  $>25$  and  $\leq 50\%$ ; score 3:  $>50$  and  $\leq 75\%$ ; score 4:  $> 75\%$  of positive cells.

RSC	CB				
	0	1	2	3	4
0	10	7	0	0	2
1	4	13	1	0	1
2	0	0	0	0	0
3	0	1	1	1	1
4	1	0	1	3	9

**Table S8:** Matrix comparing the intensity of immunolabeling of PAX5 in previous-stained cytology (RSC) and in cell blocks (CB), as assessed by a board-certified pathologist. 0: no positive cell; level 1: weak staining; level 2: moderate staining; level 3: intense staining, as compared to controls.

RSC	CB			
	0	1	2	3
0	2	0	3	5
1	1	0	2	6
2	2	0	2	18
3	1	1	0	11

**Table S9:** Matrix comparing the background staining after the immunolabeling of PAX5 in previous-stained cytology (RSC) and in cell blocks (CB), as assessed by a board-certified pathologist. Score 0: no background staining; 1: weak; 2: moderate background (intense background level 3 was not observed).

RSC	CB		
	0	1	2
0	30	6	0
1	11	0	1
2	2	3	2

**Table S10:** Matrix comparing the presence non-specific staining after the immunolabeling of PAX5 in previous-stained cytology (RSC) and in cell blocks (CB), as assessed by a board-certified pathologist. 0: non-specific staining absent; 1: non-specific staining present.

RSC	CB	
	0	1
0	38	6
1	7	4