Supplementary Table S1. Multivariate analysis of factors related to ACA in pSS patients.

	OR	95% CI	*p* value
Disease duration > 5 years	4.41	2.01-9.68	<0.001
Parotid enlargement	3.35	1.13-9.98	0.030
Normal immunoglobulin	3.68	1.28-10.53	0.015
ANA positivity	40.02	5.12-312.60	<0.001
Anti-SSA positivity	0.11	0.05-0.27	<0.001

Supplementary Table S2. Percentage and absolute count of lymphocyte subsets in the peripheral blood of ACA-positive and ACA-negative pSS patients.

	ACA-positive n=37	ACA-negative n=223	*p* value
Prevalence of CD3$^+$ T cells (%)	72.68[66.64-77.82]	73.02[65.39-79.40]	0.413
Prevalence of CD4$^+$ T cells (%)	39.14[35.07-46.09]	37.47[32.20-46.04]	0.535
Prevalence of CD8$^+$ T cells (%)	25.59[20.29-32.35]	28.40[22.46-35.91]	0.059
Prevalence of CD16$^+$CD56$^+$ NK cells (%)	15.50[9.31-23.03]	12.64[8.94-17.36]	0.102
Prevalence of CD19+ B cells (%)	8.03[6.18-13.22]	12.52[8.13-17.28]	0.002
Absolute number of CD3$^+$ T cells (/μl)	1136.66[816.26-1344.98]	1044.53[734.91-1302.59]	0.724
Absolute number of CD4$^+$ T cells (/μl)	642.17[398.24-841.03]	549.35[356.79-741.17]	0.549
Absolute number of CD8$^+$ T cells (/μl)	369.17[273.14-510.57]	379.01[272.51-541.90]	0.497
Absolute number of CD16$^+$CD56$^+$ NK cells (/μl)	230.81[139.77-313.65]	174.62[107.89-272.38]	0.045
Absolute number of CD19$^+$ B cells (/μl)	123.13[73.48-186.78]	173.31[96.65-267.97]	0.014

Supplementary Table S3. The proportions of below, within and above normal range of CD16$^+$CD56$^+$ NK cells in pSS patients with and without ACA.

(n, %)	Prevalence of CD16$^+$CD56$^+$ NK cells		Absolute number of CD16$^+$CD56$^+$ NK cells	
	ACA-positive	ACA-negative	ACA-positive	ACA-negative
Below normal values	15, 45.45%	129, 60.56%	0, 0.00%	6, 2.82%
Within normal values	13, 39.39%	77, 36.15%	33, 100%	206, 96.71%
Above normal values	5, 15.15%	7, 3.29%	0, 0.00%	1, 0.47%
P value	0.009		0.602	

Supplementary Table S4. The proportions of below, within and above normal range of CD19$^+$ B cells in pSS patients with and without ACA.

(n, %)	Prevalence of CD19$^+$ B cells		Absolute number of CD19$^+$ B cells	
	ACA-positive	ACA-negative	ACA-positive	ACA-negative
Below normal values	9, 27.27%	32, 15.02%	3, 9.09%	19,8.92%
Within normal values	15, 45.45%	73, 34.27%	30, 90.91%	192, 90.14%
Above normal values	9, 27.27%	108, 50.70%	0, 0.00%	2, 0.94%
P value	0.032		0.855	