

Supplementary Table S1 Clinical and laboratory characteristics of active AAV patients.

Active AAV patients	
Age, years	64 (55, 71)
Female, n (%)	133 (53.8%)
WBC, $\times 10^9/L$	8.5 (6.7, 11.4)
CREA, $\mu\text{mol/L}$	115 (68, 316)
eGFR, $\text{ml/min}\times 1.73 \text{ m}^2$	45.2 (14.7, 88.5)
ESR, mm/H	74 (40, 101)
CRP, mg/L	35.1 (8.1, 96)
C3, g/L	1.08 $\pm$ 0.25
C4, g/L	0.25 (0.19, 0.32)
IgG, g/L	13.0 (10.2, 16.3)
pANCA, n (%)	218 (88.3%)
cANCA, n (%)	27 (10.9%)
Fever, n (%)	76 (30.8%)
Arthritis/arthritis, n (%)	19 (7.7%)
ENT involvement, n (%)	34 (13.8%)
ILD, n (%)	98 (39.7%)
Renal damage, n (%)	168 (68%)
Peripheral nerve injury, n (%)	22 (8.9%)
BVAS	15 (10, 19)

Supplementary Table S2 Comparison of lymphocyte subsets in AAV patients with and without renal involvement.

Lymphocyte subsets	M (P25, P75)		Mann-Whitney U test	
	With renal involvement	Without renal involvement	Z-value	p-value
CD3 ⁺ T cells %	69.3 (61.0, 74.5)	69.6 (58, 77)	0.21	0.8307
CD3 ⁺ CD4 ⁺ T cells %	40.7 (32.8, 45.5)	36.0 (26, 43.6)	2.89	0.0039
CD3 ⁺ CD8 ⁺ T cells %	23 (17.0, 31)	28.5 (19.1, 34.9)	2.22	0.0265
CD4 ⁺ /CD8 ⁺ ratio	1.7 (1.1, 2.5)	1.3 (0.9, 2.2)	2.66	0.0078
B cells %	14.1 (9.9, 20.1)	11 (7, 19.4)	2.51	0.0121
NK cells %	13.6 (8.0, 18.9)	16.8 (9.4, 24)	2.19	0.0287
Lymphocyte count (/uL)	1193 (729, 1612)	1309 (1011, 1902)	2.69	0.0072
CD3 ⁺ T cells count (/uL)	845 (484, 1109)	913 (583, 1245)	2.22	0.0266
CD3 ⁺ CD4 ⁺ T cells count (/uL)	485 (261, 665)	466 (302, 710)	0.66	0.5076
CD3 ⁺ CD8 ⁺ T cells count (/uL)	264 (152, 423)	376 (227, 514)	3.22	0.0013
B cells count (/uL)	156 (90, 266)	155 (101, 257)	0.26	0.7922
NK cells count (/uL)	143 (84, 240)	192 (127, 382)	3.57	0.0004