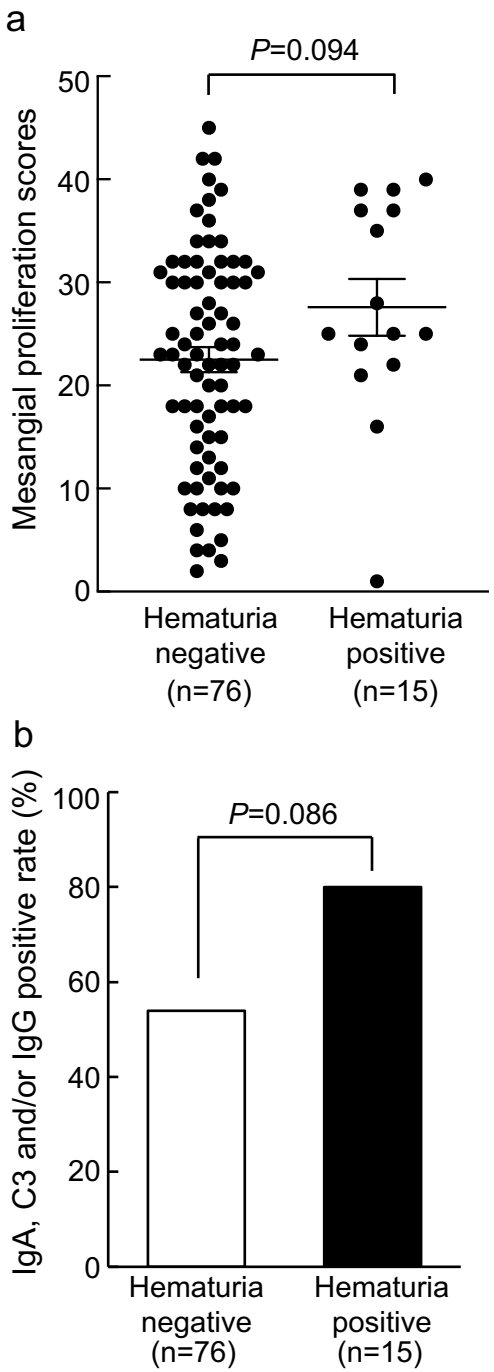
Supplementary Table 1. Serum level of IgA and IgG in rats with PBS, SN74 and rCnm protein groups.

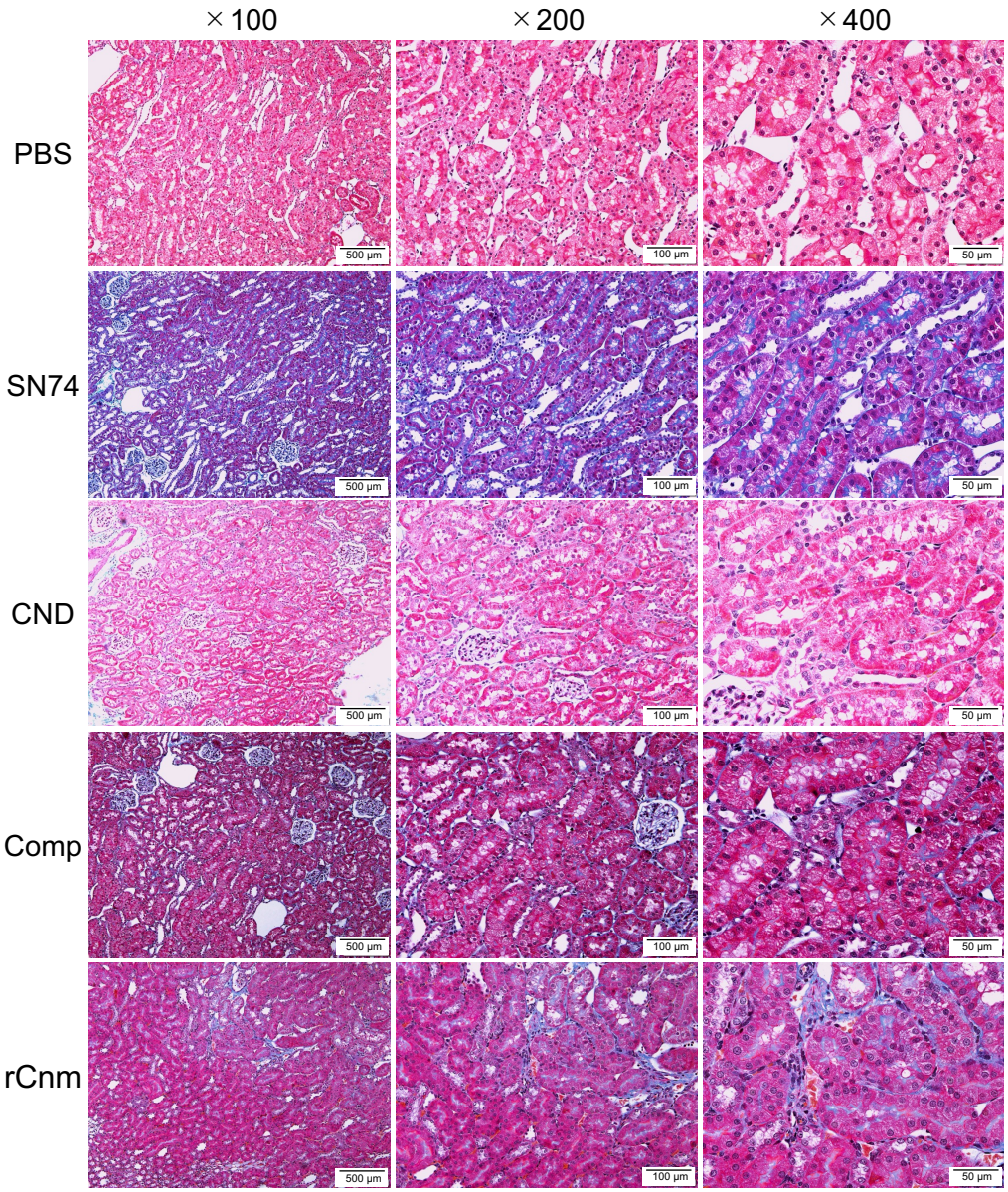
	Serum levels (mean ± SEM)	
Groups	IgA (mg/dL)	IgG (mg/dL)
PBS (n=8)	262.41 ± 4.97	386.40 ± 13.07
SN74 (n=8)	255.29 ± 2.65	393.03 ± 9.77
rCnm (n=8)	259.65 ± 3.96	423.15 ± 7.00*

Statistical significance was determined by analysis of variance with Bonferroni's correction. There were no significant differences in levels between the groups. SEM, standard error of the mean. *PBS vs rCnm. $P<0.0167$.

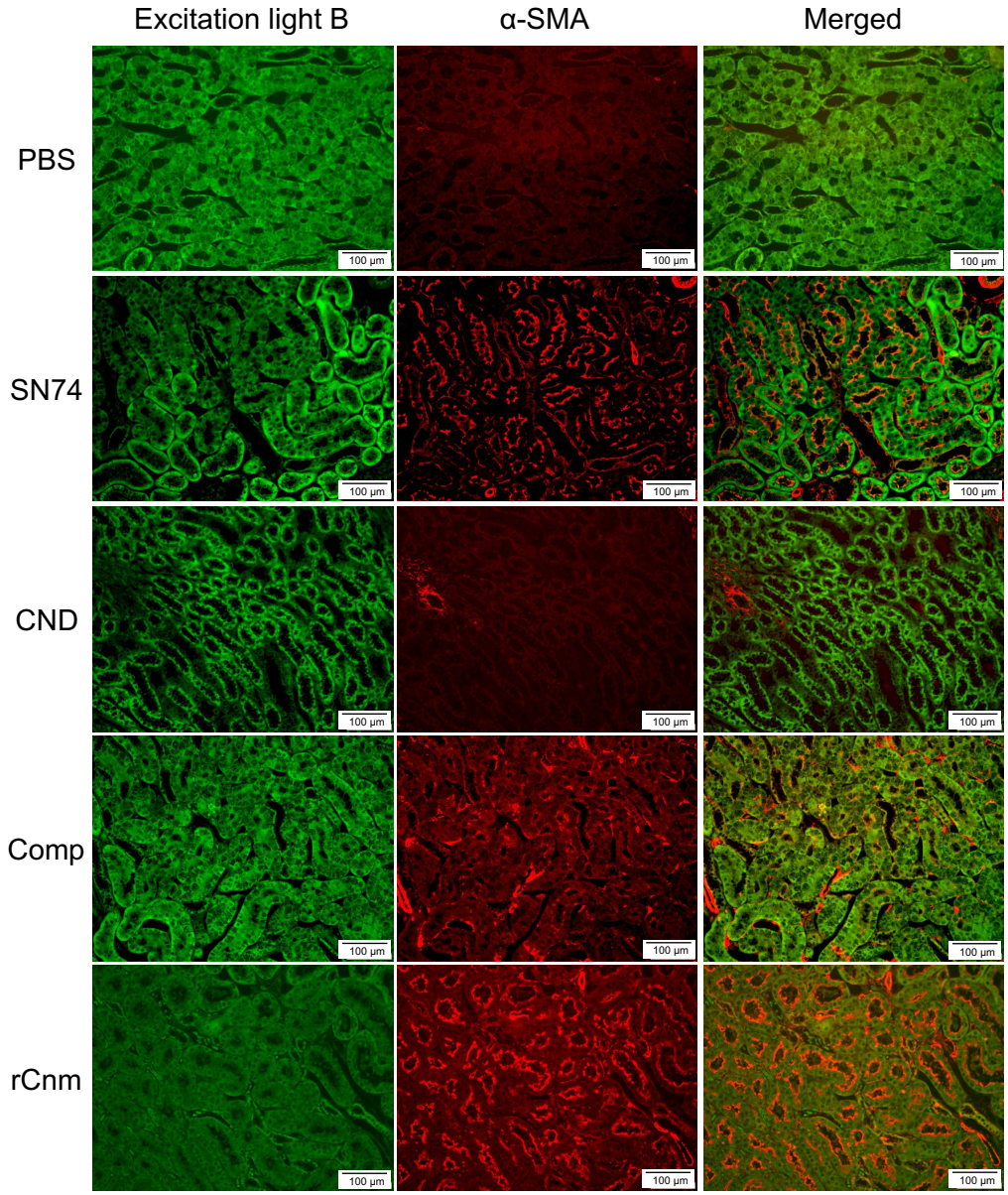


Supplementary Fig 1. Relationship between hematuria and pathogenicity. (a) Relationship between hematuria and mesangial proliferation score, (b) Relationship between hematuria and IgA, C3 and/or IgG positive rate, Each column represents the mean ± standard errors of the means of the hematuria negative group (n=76), hematuria positive group (n=15), (a) Statistical significance was determined by analysis of variance with Student-*t* test. (b) Statistical significance was determined using Fisher's exact test.

Supplementary Fig. 1



Supplementary Fig 2. Representative histopathological appearance of the tubules and interstitial area by immunohistochemistry with Masson's trichrome staining. The magnification of the first images is ×100. The magnification of the second images is ×200. The magnification of the third images is ×400. Scale bars, 500 μm (left panels), 100 μm (middle panels) and 50 μm (right panels).



Supplementary Fig 3. Representative histopathological appearance of the tubules and interstitial area by immunohistochemistry with α-SMA-specific antibodies. The first image was taken by applying excitation light Blue. The second image shows staining with an anti-α-SMA antibody. The third row of images show the left two images superimposed. Scale bars, 100 μm (all panels).