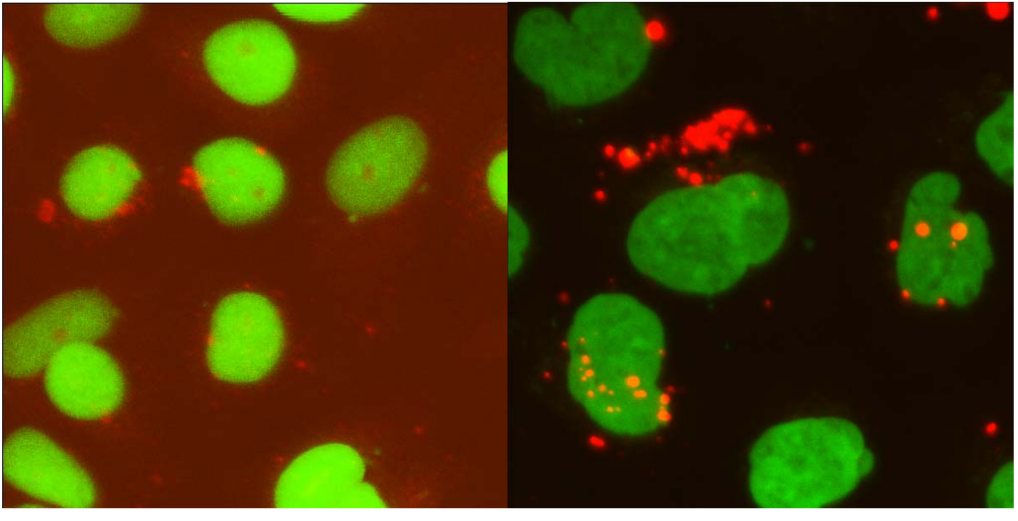
Supporting Information

Fig. S1. Confocal microscopy of cancer cells incubated with cystatin C

The cells were incubated with 5 µM Alexa-568 labelled cystatin C and the nuclei were stained with Sytox Green Nucleic Acid Stain, essentially following procedures detailed in "Experimental procedures". (**A**) MCF-7 cells (4 h incubation). (**B**) A-431 cells (2 h incubation).

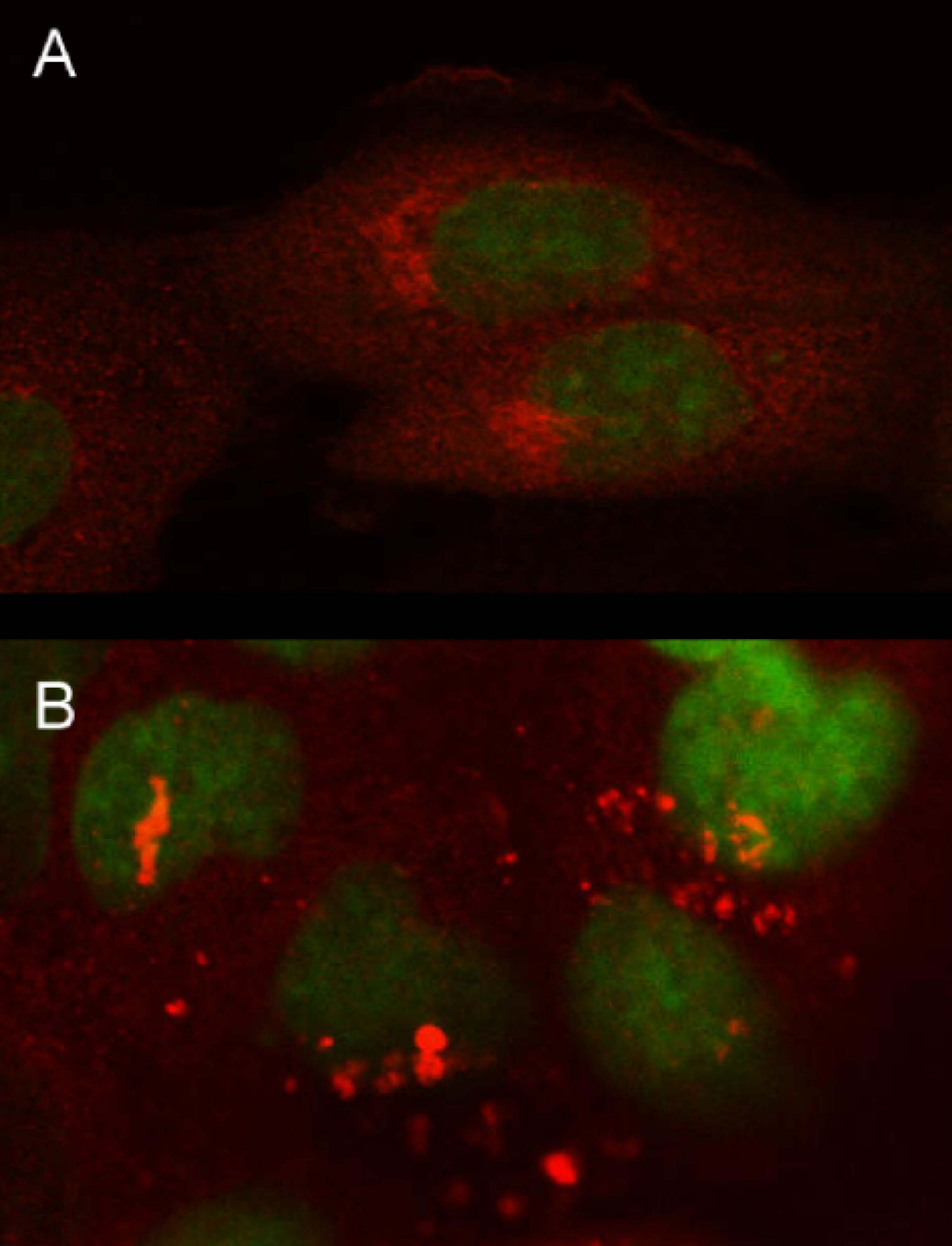
Fig. S2. Immunolabelling of cystatin C in A-431 cells by a specific polyclonal rabbit antiserum

Approx. 20,000 A-431 cells were seeded on cover slips in a 6-well culture plate and incubated three days to reach 50-70% confluence. The cells were washed twice with PBS before addition of (**A**) PBS or (**B**) an equal volume of 5 µM unlabelled cystatin C. The cells were incubated 5 h and fixed with 4% paraformaldehyde. Unspecific binding was blocked using 0.2% bovine serum albumin prior to incubation with polyclonal rabbit-anti-human cystatin C antibodies. The secondary antibody used was goat-anti-rabbit-Alexa-568.



A

B


A
B