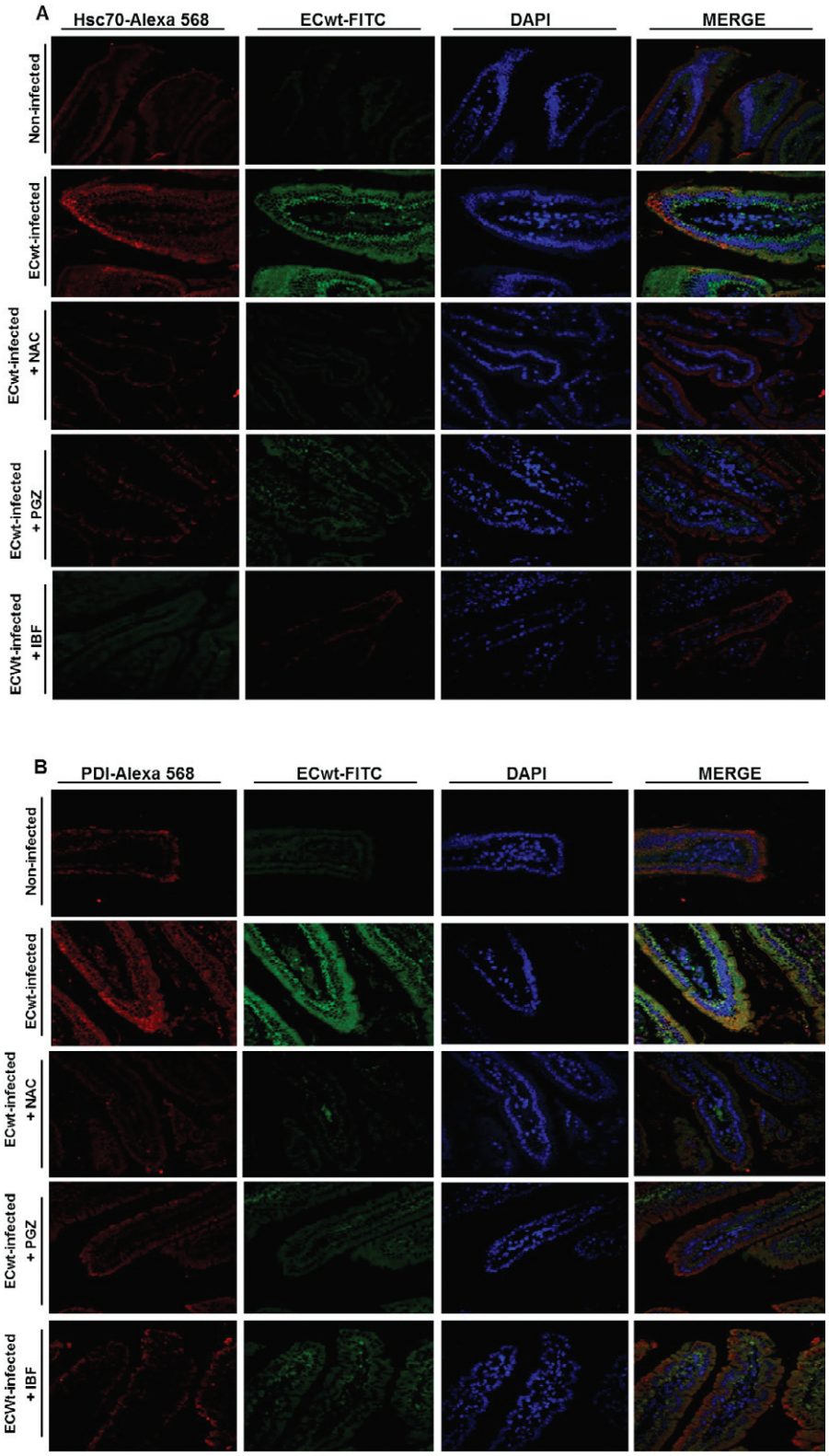

Confocal microscopy analysis of the effect of drug treatment on Hsc70 and protein disulphide isomerase (PDI) expression in villus intestinal epithelial cells. Sections from intestines isolated from ECwt-infected mice (n = 2 mice for each analysis) that had been treated or not with N-acetylcysteine (NAC) (18 mg/kg/day), ibuprofen (IBF) (20 mg/kg/day), or pioglitazone (PGZ) (30 mg/kg/day) during three days after 24 h post-inoculation were incubated with primary goat anti-Hsc70 or anti-PDI antibodies (Abs) mixed together with rabbit anti-rotavirus structural proteins Abs. Fluorescein isothiocyanate-conjugated donkey anti-rabbit IgG Abs and Alexa Flour 568-conjugated donkey anti-goat IgG Abs were added together to sections. Nuclei are stained blue with 4'-6-diamidino-2-phenylindole (DAPI). Viral proteins are shown in green. Hsc70 or PDI are shown in red. MERGE images are presented. Images were examined using a confocal microscope (Nikon C-1). A: Hsc70 expression; B: PDI expression.