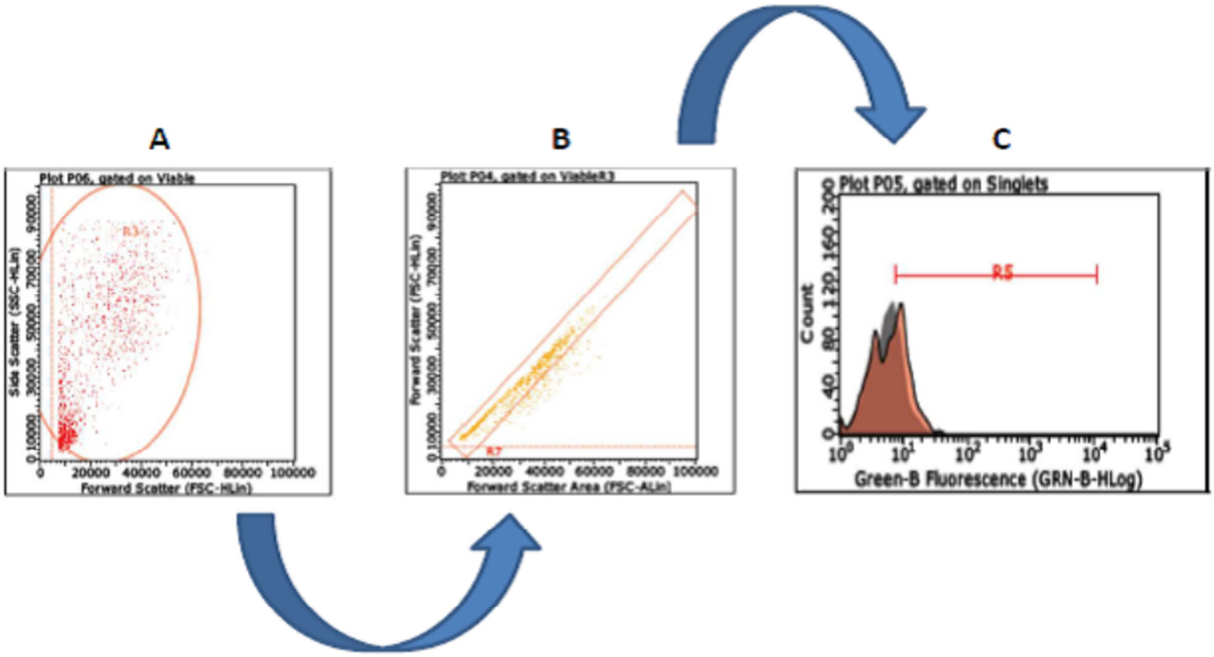
S 2 Figure



S 2 Figure. Intracellular IgA in swine macrophages. **P**eripheral blood monocytes from three PRRS-free, SPF sows were differentiated to macrophages over 4 days. Then the non-IgG fraction of OF from test 4 (see Results section) was reacted with PRRSV strains 957 and 009/8 ($5x10^6$ genome copies /ml), and medium (RPMI 1640 + 10% SFB), respectively. After 1 hour at 37°C, the virus/OF, medium/OF and medium only (control) samples were transferred onto adherent macrophages. After 1 hour at 37°C in 5% CO_2, the samples were discarded, macrophages were washed twice with PBS and detached in PBS-10mM EDTA (1 hour at 4°C), fixed in 3% formaldehyde and permeabilized in PBS-1% saponin (PBS-S). Intracellular IgA were revealed with a mAb to swine IgA (AbD Serotec, cat. MCA638) and Alexa Fluor® 488 F(ab')2 fragment of goat anti-mouse IgG, IgM (H+L). **A:** macrophages gated by a combination of forward and side scatter. **B:** gating of singlets. **C:** staining of intracellular IgA in macrophages of sow 3.