SUPPLEMENTARY MATERIAL FOR ONLINE PRESENTATION

Supplementary Figures 1 and 2

Fig. S1. Flow cytometry analysis of WT_M6 and Δ*ap1*_M6 strains. Wild-type (panel A) and Δ*ap1*_M6 bacteria (panel B) were incubated with mouse polyclonal antibodies raised against rAP1_M6, rBP_M6, rEmm6 and rScpA proteins and stained with R-Phycoerythrin conjugated goat anti-mouse secondary antibodies. Black histograms indicate staining of bacteria with pre-immune serum, while colored histograms correspond to bacteria stained with specific sera.

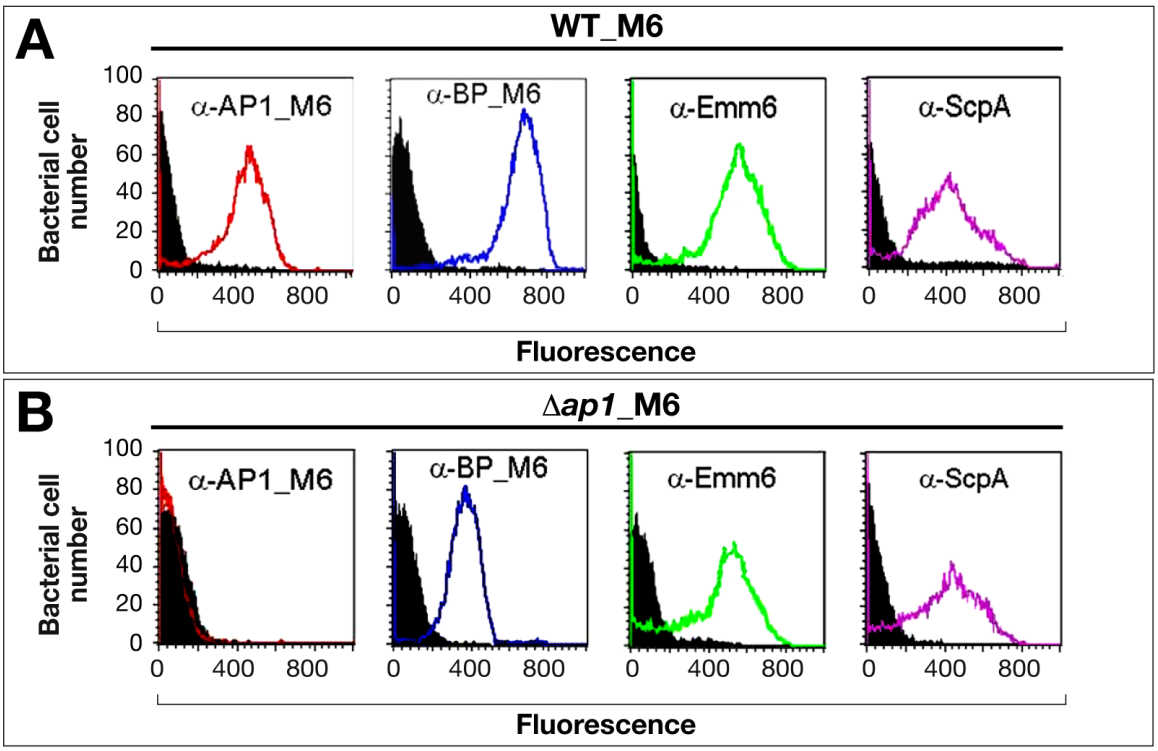

Fig. S2. Binding of rAP1_M6 fragments to epithelial cells.

A) SDS PAGE analysis of purified recombinant pilus protein rAP1_M6 and its three fragments: an N-terminal portion spanning residues 1 to 499, a C-terminal fragment from aminoacids 505 to 1068 including the VWA and the Cna_B domains, and a shorter C-terminal fragment from aminoacids 964 to 1068 containing exclusively the Cna_B domain. B) FACS analysis of rAP1_M6 and its three fragments binding to A549 cells. Cells were incubated with increasing concentrations of the recombinant proteins and cell-bound proteins were detected with antibodies raised against each of the polypeptides and fluorescent secondary antisera. Results are presented as the mean and standard deviation values of 3 independent experiments.