



Figure S2: Mice (n=4) were immunized twice at an interval of 2 weeks with 10 and 5 μ g of the BME or with adjuvant alone (control). Seven days after the second immunization mice were injected intraperitoneally with 200 μ g of neutralizing IL17A antibody (R&D MAB421) (BME + mAb IL17A). After 2 h, polypropylene meshes coated with 10^4 CFU of *S. aureus* strain 132 were fixated at the abdominal wall. Three days after operation, a second dose of 50 μ g of neutralizing IL17A antibody were injected in the mice that had been previously treated. After 2 days, animals were sacrificed and meshes (A) and surrounding tissue (B) were extracted and placed in 1 ml of PBS. Samples were serially diluted and plated onto TSA plates for enumeration of viable staphylococci. Results are representative of six independent mice. Multiple comparisons were performed by one-way analysis of variance combined with the Bonferroni multiple comparison test. (GraphPad InStat, version 5)