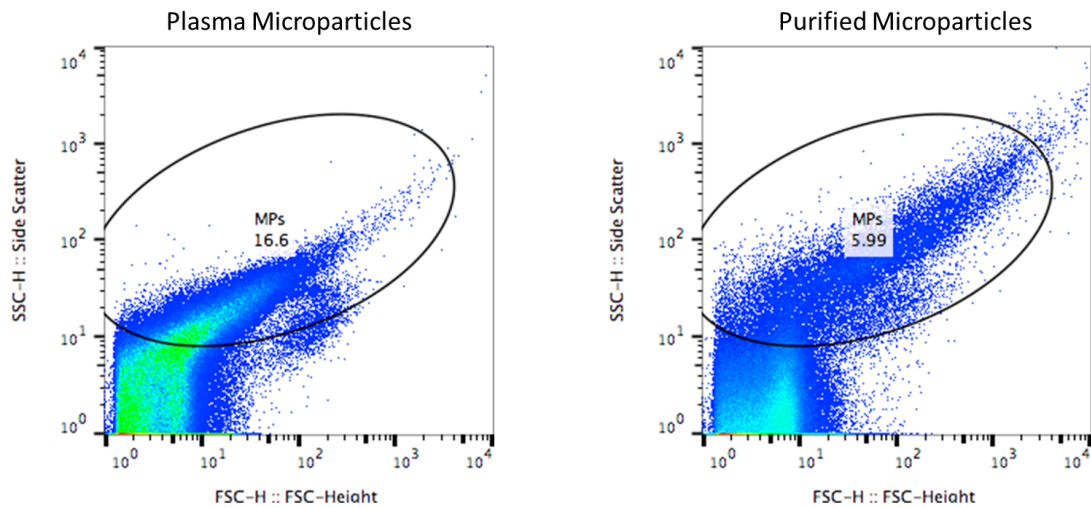


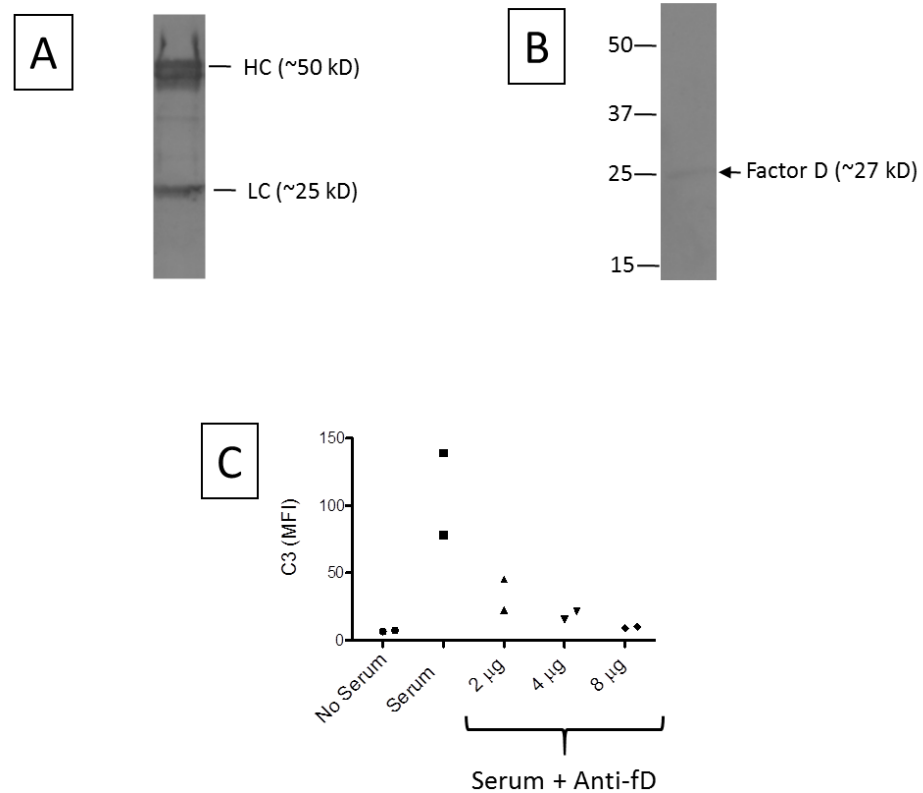
# **SUPPLEMENTAL MATERIAL**

**Figure S1. The size of microparticles was analyzed in patient plasma before and after purification.**



Although the percentage of microparticles that fell within the microparticle gate used for further analysis (MPs) decreased, the average size of the microparticles within the gate increased after ultracentrifugation.

**Figure S2. Generation of an inhibitory antibody to factor D.**



We immunized a factor D deficient mouse with purified human factor D. We generated hybridomas from the mouse and screened them for those that bound factor D by ELISA. **A)** One of the reactive antibodies was purified by affinity chromatography with protein G examined by Coomassie staining. **B)** The antibody also bound to factor D by Western blot analysis. **C)** Alternative pathway activity in serum was measured by a zymosan activation assay. The addition of increasing concentrations of the antibody to normal human serum led to nearly complete inhibition of the alternative pathway.