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Disclosures: none

Contributions: P.D. performed the in vivo experiments and the immunofluorescence analysis; C.G. performed the in vitro experiments; M.O.B. and C.G. designed the in vitro experiments and analysed the results; P.M. prepared and characterized the monoclonal antibody to &[beta]2GPI MBB2; F.P. performed the statistical analysis of the data; E.R. purified and characterized human &[beta]2GPI; M.P.M performed the sequence analysis of D4 and D5 domains of &[beta]2GPI; P.G.G. generate the recombinant D4 and D5 domains of &[beta]2GPI; P.L.M., and F.T. designed the experiments and wrote the manuscript. All the authors read and approved the final version of the manuscript.