



### **Additional File 2: Ucma physically interacts with ADAMTS5**

Ucma-ADAMTS5 interactions were investigated by slot blot binding assays: indicated amounts of recombinant ADAMTS5 blotted onto a PVDF membrane were incubated with recombinant FLAG-tagged Ucma (upper panel) or BSA (lower panel) and bound Ucma was detected using an rabbit anti-Ucma antibody (UCMA-1; 1:1000) and anti-rabbit IgG-HRP. Collagen II was blotted as positive control. Representative data from 2 independent experiments are shown.