Supplemental Figures to Yan, Chen et al. “Glycoprotein Iba clustering induces macrophage-mediated platelet clearance in the liver” (Thromb Haemost 2014; 112.6)

Suppl. Figure 1: The effect of GlcNAc on AN51 binding to platelets. Indicated concentrations of GlcNAc were pre-incubated with washed platelets from guinea pigs at RT for 5 min prior to 10 µg/ml AN51. AN51 binding was detected by FITC-conjugated goat anti-mouse antibody with flow cytometer. Fold-change equals the binding fluorescence intensity of AN51 in the presence of GlcNAc/that in the absence of GlcNAc.
Suppl. Figure 2: The binding of mAbs to platelets from chronic ITP patients. (A-D) PRP (1 × 10⁷/mL) from the ITP patients and simultaneous normal controls was incubated with 10 μg/mL AN51 (A), HIP1 (B), VM16d (C), or SZ2 (D) at 37°C for 30 min, washed once, and further incubated with FITC-conjugated goat anti-mouse antibody. Each dot represents one person and the results are shown as mean ± SD. MFI, mean fluorescence intensity. (E) A representative flow cytometry histogram of AN51 binding to an ITP patient with anti-GPIbα autoantibodies. PRP (1 × 10⁷/mL) from a ITP patient with anti-GPIbα autoantibodies (dark line) and a normal person without autoantibodies (gray line) was incubated with 10 μg/mL AN51 for 30 min, washed once, and further incubated with FITC-conjugated goat anti-mouse antibody.