Supporting Information

Supplementary Scheme 1. Chemical synthesis for the dual biotinylation of PF127.

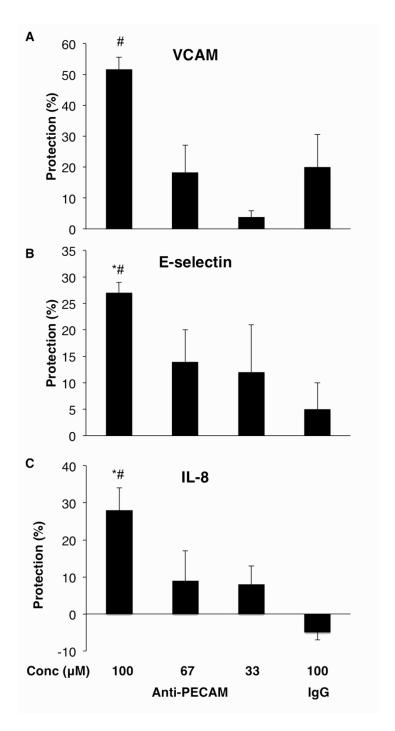
$$HO + CH_2CH_2O + CHCH_2O + CH_2CH_2O + H$$

$$CH_3$$

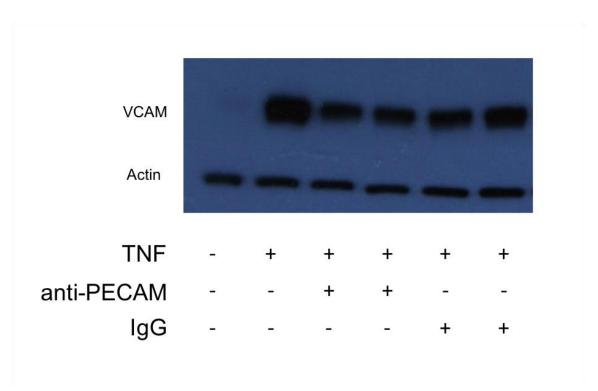
$$PLURONIC F-127$$

$$O + CH_2CH_2O + CH_2C$$

Supplementary Scheme 2. Chemical synthesis for the dual maleimide-derivatization of PF127.



Supplementary Figure 1. Effect of dose on the protective effect of targeted (33-100 μ M) and control TNPs (100 μ M) against pro-inflammatory endothelial activation as assessed by VCAM, E-selectin, and IL-8 RNA gene expression. Statistical significance vs the TNF control at the p<0.05 level is denoted by #. Statistical significance between the IgG and the anti-PECAM 100 μ m samples at the p<0.05 level is denoted by *. Exact values are as follows: VCAM #, p=0.003; E-selectin #, p=0.003; E-selectin *, p=0.029; IL-8 #, p=0.022; IL-8 *, p=0.017) (Mean±SD, n=3)



Supplementary Figure 2. Representative western blot for VCAM expression.