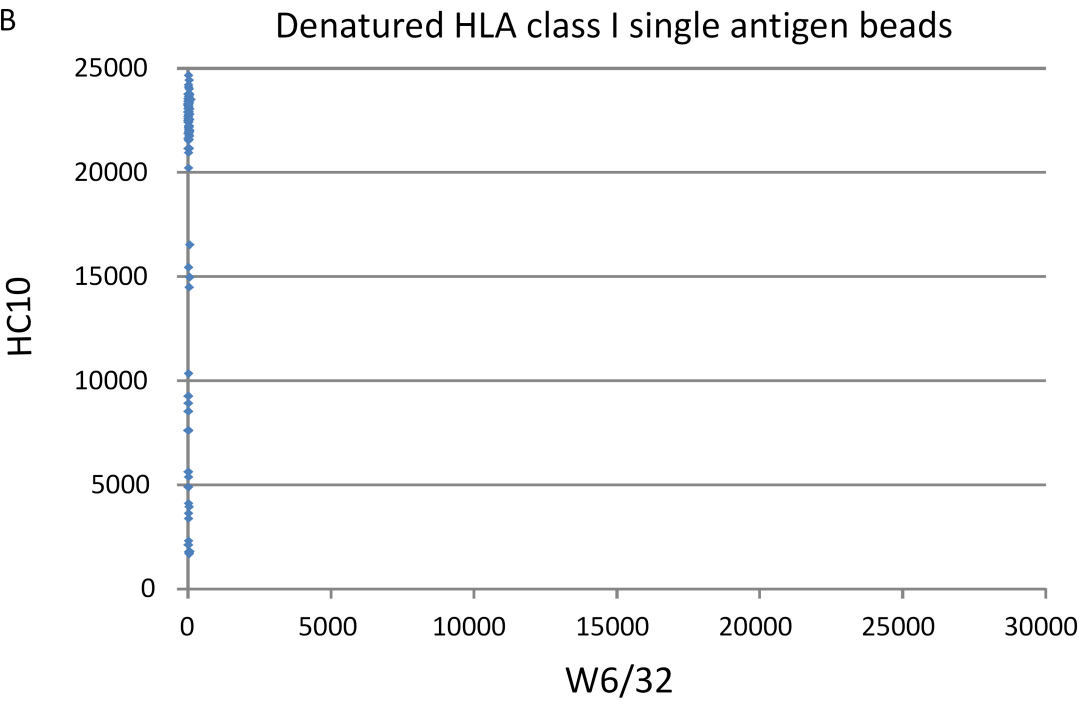
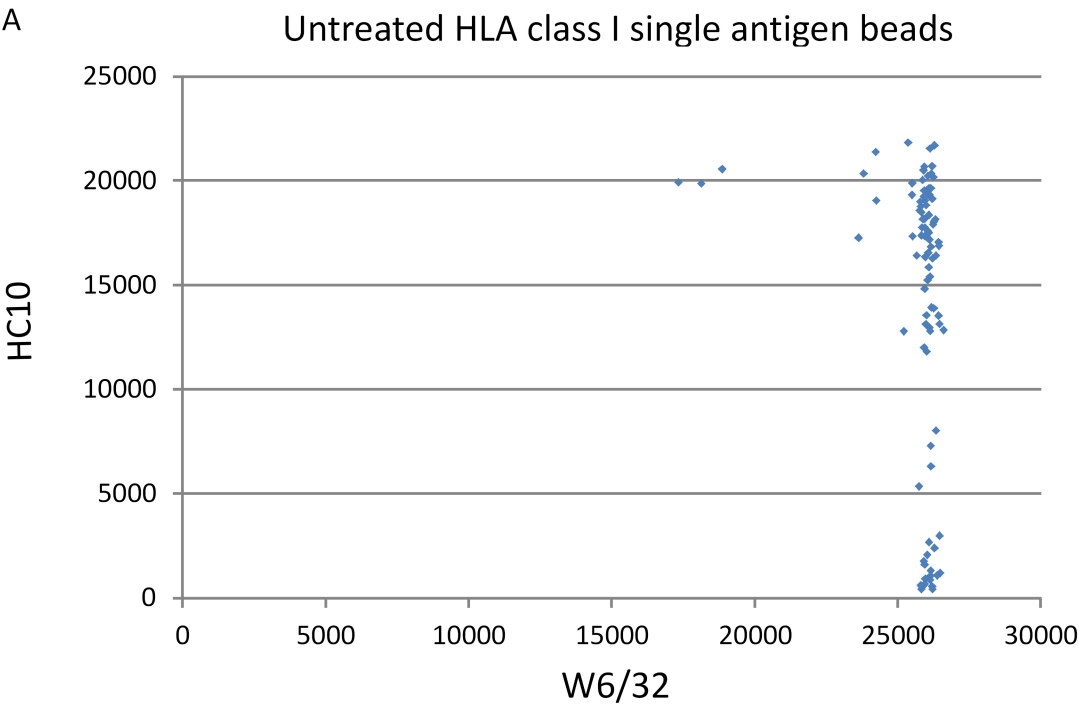


Supplementary Figure 1



Supplementary Figure 1 legend

Analysis of conformational folded and denatured HLA class I on single antigen beads: W6/32 is a mouse mAb that binds a monomorphic epitope on conformationally folded HLA class I protein (HLA class I heavy chain in noncovalent association with beta2-microglobulin) and does not bind free HLA class I heavy chain. HC-10 is a mouse mAb that binds β 2-microglobulin free (denatured) HLA class I heavy chain. mAb binding to untreated and acid treated (denatured) HLA class I SAB was performed as described by Otten et al. [20]. The results show consistent high levels of conformationally folded HLA class I protein expressed on all but 3 SAB populations, but highly variable levels of HC-10 binding (Supplementary Figure 1a). W6/32 binding to free HLA class I heavy chain was abrogated following acid treatment of SAB, but HC-10 binding increased (Supplementary Figure 1b).