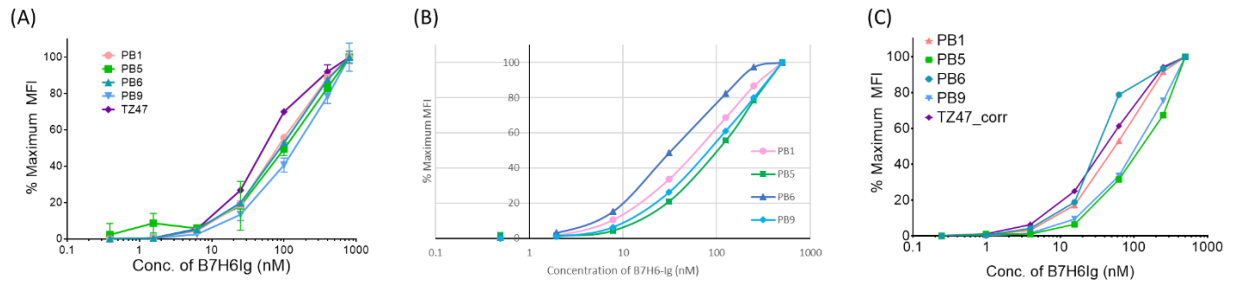


**Supplemental Figure & Table.**



**Supplementary Figure S1.** Three biological replicate B7H6-Ig binding avidity titration curves of yeast-displayed PB clones using three separate batches of B7H6-Ig soluble antigen. Panel (A) shows the data depicted in Fig. 2B. Panels (B&C) depict earlier experiments suggesting that clone PB6 has the highest relative avidity among PB clones, although the lack of definitive saturation at tested B7H6-Ig concentrations in panels (A&B) make this interpretation somewhat tentative. Best-Fit KD estimates for each run are shown in Supplementary Table S1 below.

**Supplementary Table S1.** Best-fit KD values (nM units) calculated by one-site binding curve fit in GraphPad Prism of the three B7H6-Ig binding avidity experiments shown in Supp. Fig. S1, with “Run” titles corresponding to panel letter. Despite the lack of saturation, all KD fit curves had correlation coefficients  $R^2 > 0.96$ .

Clone	Run A	Run B	Run C
PB1	109.5	12.66	97.19
PB5	120.2	21.52	100.1
PB6	110.0	9.51	53.15
PB9	149.9	18.37	154.1