



S15 Fig. Antibody recognition of different CON-S envelope subunits and glycoforms. (A,B)

Recombinant IgG binding titers to CON-S envelope as measured by ELISA. Glycoform variants shown in (B) are CON-S gp140CFI. Titers are shown as area under the log-transformed curve (log AUC). (C) Recombinant IgG binding to gp120 by western blot under reduced conditions. Anti-flu IgG and V3-specific antibody 19B were used as negative and positive controls respectively. (D) Comparison of IgG and Fab binding for each antibody to CON-S gp140CFI. (E) Comparison of Fab binding to different glycoforms of CON-S gp140CFI. Glycosylation of the gp140 was enriched for $\text{Man}_9\text{GlcNAc}_2$ or $\text{Man}_5\text{GlcNAc}_2$ glycosylation by expression in $\text{GnTI}^{-/-}$ cells or kifunensine treatment. (F) Relative binding to CON-S gp140CFI with mutations in known bnAb sites. Binding is normalized to wild-type CON-S gp140CFI binding titer. Mean values of two independent experiments are shown in each panel.