



**Supplemental Figure S1. Inhibition of rgp120 binding to CHO cell lines expressing CD4 by monoclonal antibodies to the V2 domain of gp120.** CHO cells expressing membrane-bound human CD4 were plated in 96-well microtiter plates until they were 90% confluent. Serial dilutions of MAbs were pre-incubated with a fixed amount of [ $^{125}$ I]-gp120 (2 nM) and then incubated with the cells for 2 hr. The cells were then washed four times and the cells solubilized in 100  $\mu$ L of 0.1 N NaOH. Specific binding was calculated as described previously. MAb 1024, a CD4-blocking antibody directed to the C4 domain of gp120, served as a positive control.