SUPPLEMENTAL DATA

Fig. S1. **SPR and FACS analysis.** *A*, Immunofluorescent staining of K562 cells, which highly express endogenous ICAM-1, using monomeric (thin line) or tetrameric (thick line) HA α_L I I domain in the presence of 5 mM Mg^{2+} or EDTA as control (grey region). *B*, Wild-type ICAM-1 was immobilized on the sensor chip. Monomeric HA α_L I domain with or without a BirA enzyme recognition tag was injected at 100 nM in the presence of 1 mM Mg^{2+} or EDTA. *a*, HA α_L I domain with tag, Mg^{2+}; *b*, HA α_L I domain without tag, Mg^{2+}; *c*, HA α_L I domain with tag, EDTA; *d*, HA α_L I domain without tag, EDTA. *C*, Tetrameric HA α_L I domain was injected over the ICAM-1 immobilized chip at 50 nM in the presence of 1 mM Mg^{2+} (*a*) or EDTA (*b*); *D,* Representative dot plots of flow cytometric analysis of 293T ICAM-1 transfectants showing staining for mAb CBR IC1/11 and α_L I domain tetramer. Population percentages are indicated in the quadrants.

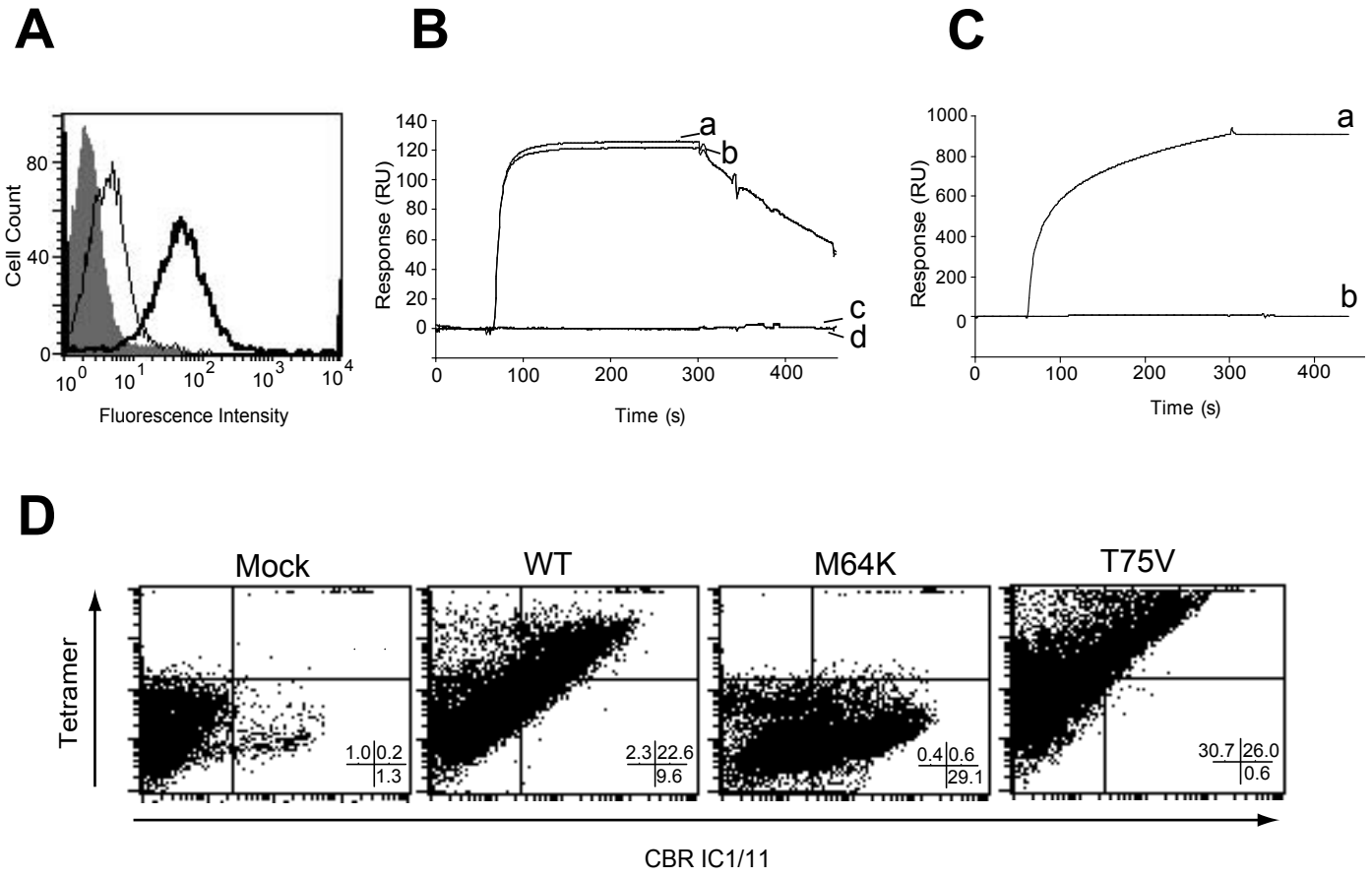
A
B
C
Cell Count
Fluorescence Intensity
Response (RU)
Time (s)
a
b
c
d
D
Mock
WT
M64K
T75V
Tetramer
CBR IC1/11
1.0
0.2
1.3
2.3
22.6
9.6
0.4
0.6
29.1
30.7
26.0
0.6

Fig. S1