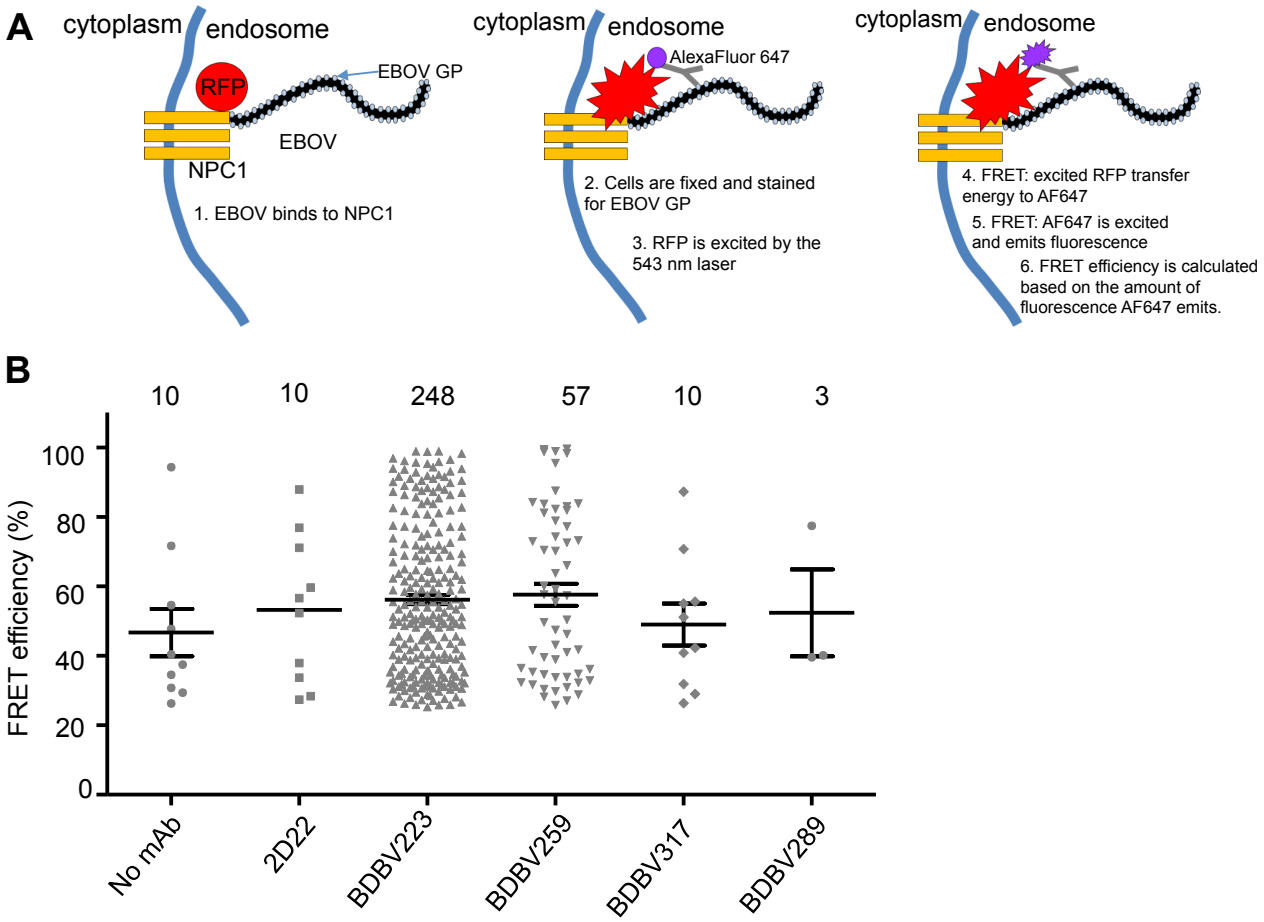
S8 Figure


A
cytoplasm
endosome
RFP
EBOV GP
EBOV
NPC1
1. EBOV binds to NPC1
cytoplasm
endosome
AlexaFluor 647
2. Cells are fixed and stained for EBOV GP
3. RFP is excited by the 543 nm laser
cytoplasm
endosome
4. FRET: excited RFP transfer energy to AF647
5. FRET: AF647 is excited and emits fluorescence
6. FRET efficiency is calculated based on the amount of fluorescence AF647 emits.
B
10
10
248
57
10
3
FRET efficiency (%)
0
20
40
60
80
100
No mAb
2D22
BDBV223
BDBV259
BDBV317
BDBV289