FIGURE 1A

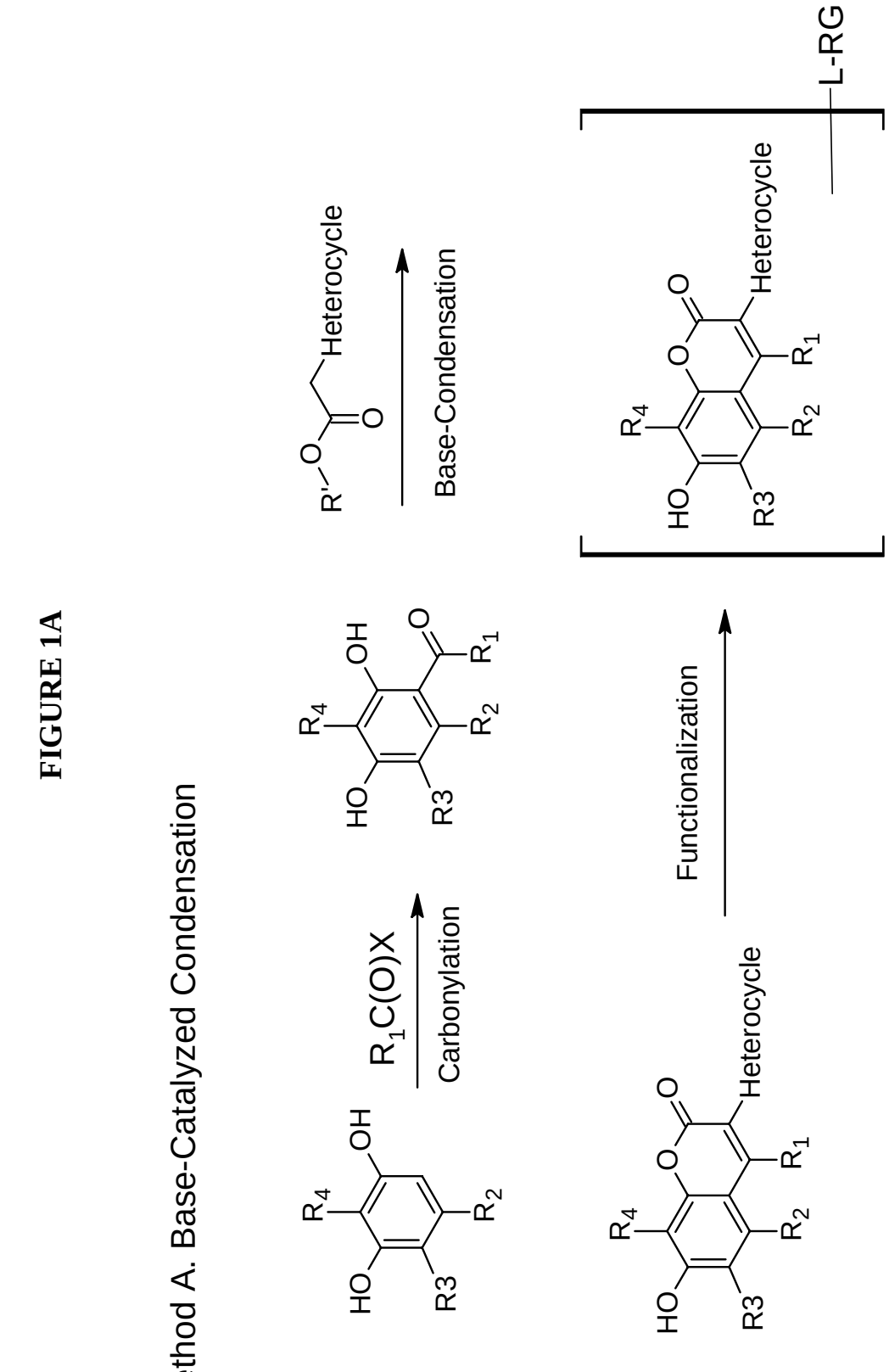

Method A. Base-Catalyzed Condensation
R'
O
O
Heterocycle
Base-Condensation
OH
HO
R4
R2
R3
O
R1
R1C(O)X
Carbonylation
Functionalization
L-RG

FIGURE 1B

Method B. Acetic Anhydride-Based Condensation

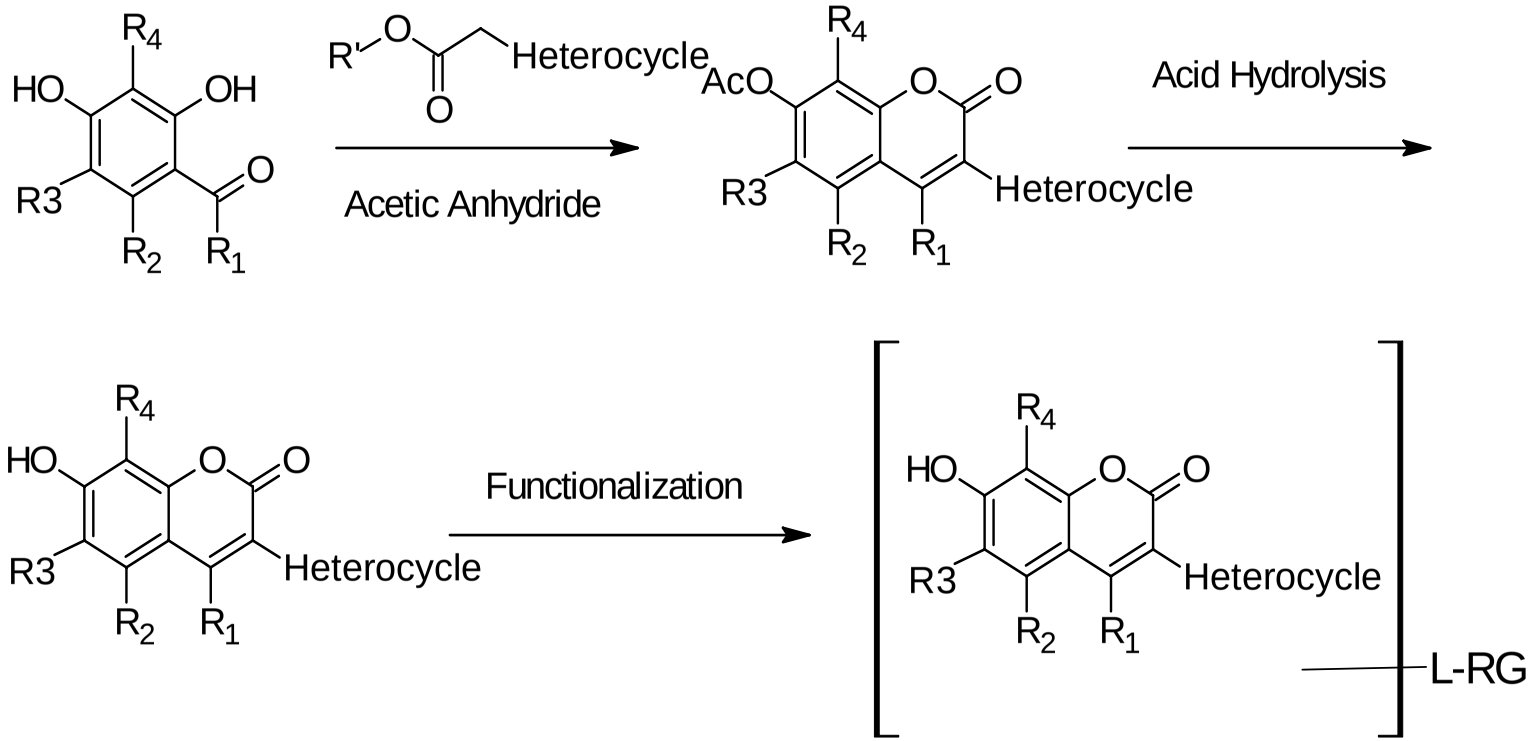


FIGURE 2

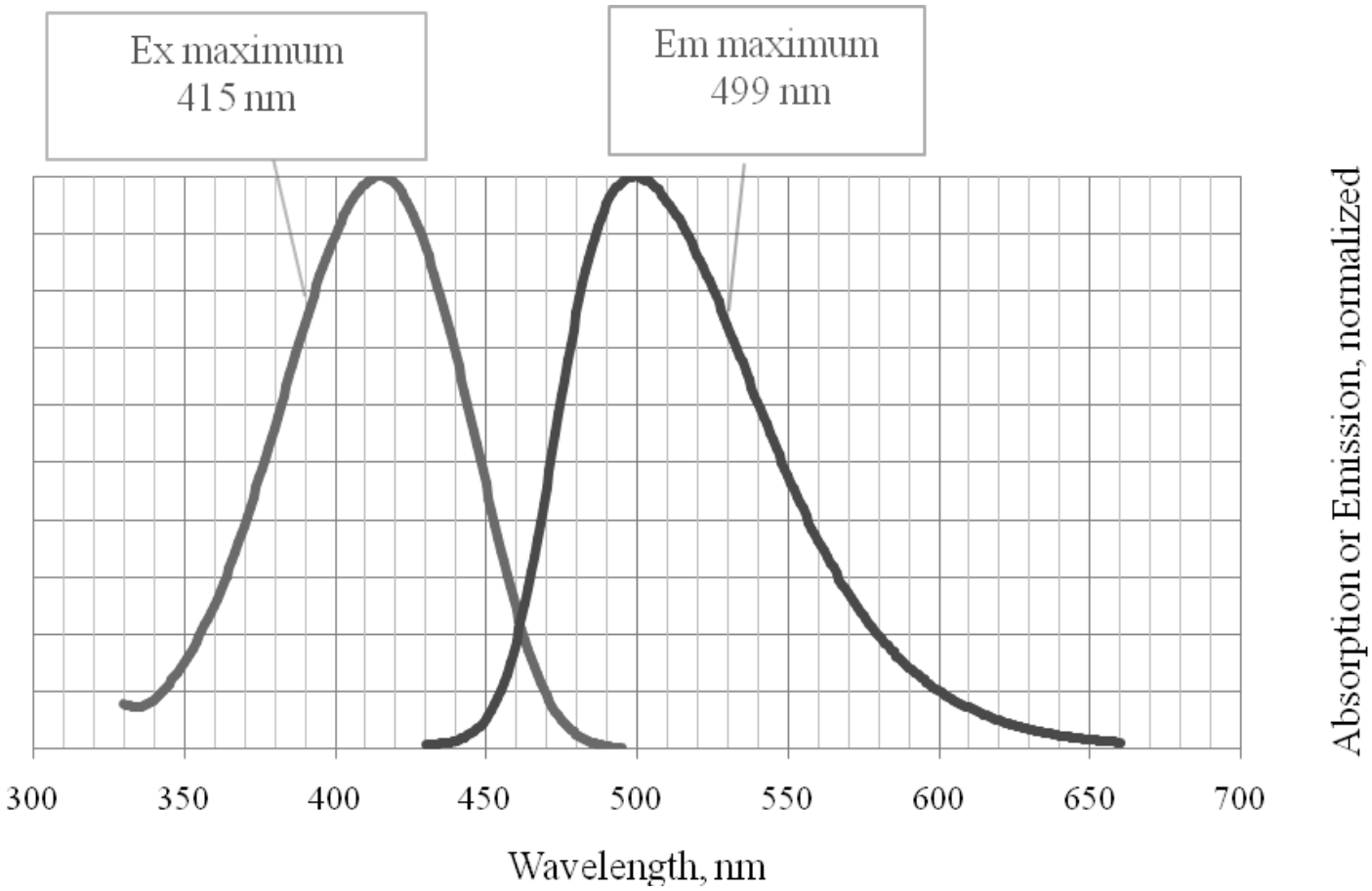

Ex maximum
415 nm
Em maximum
499 nm
300
350
400
450
500
550
600
650
700
Wavelength, nm
Absorption or Emission, normalized

FIGURE 3

Anti-CD3 Antibody-Compound 7 Conjugates

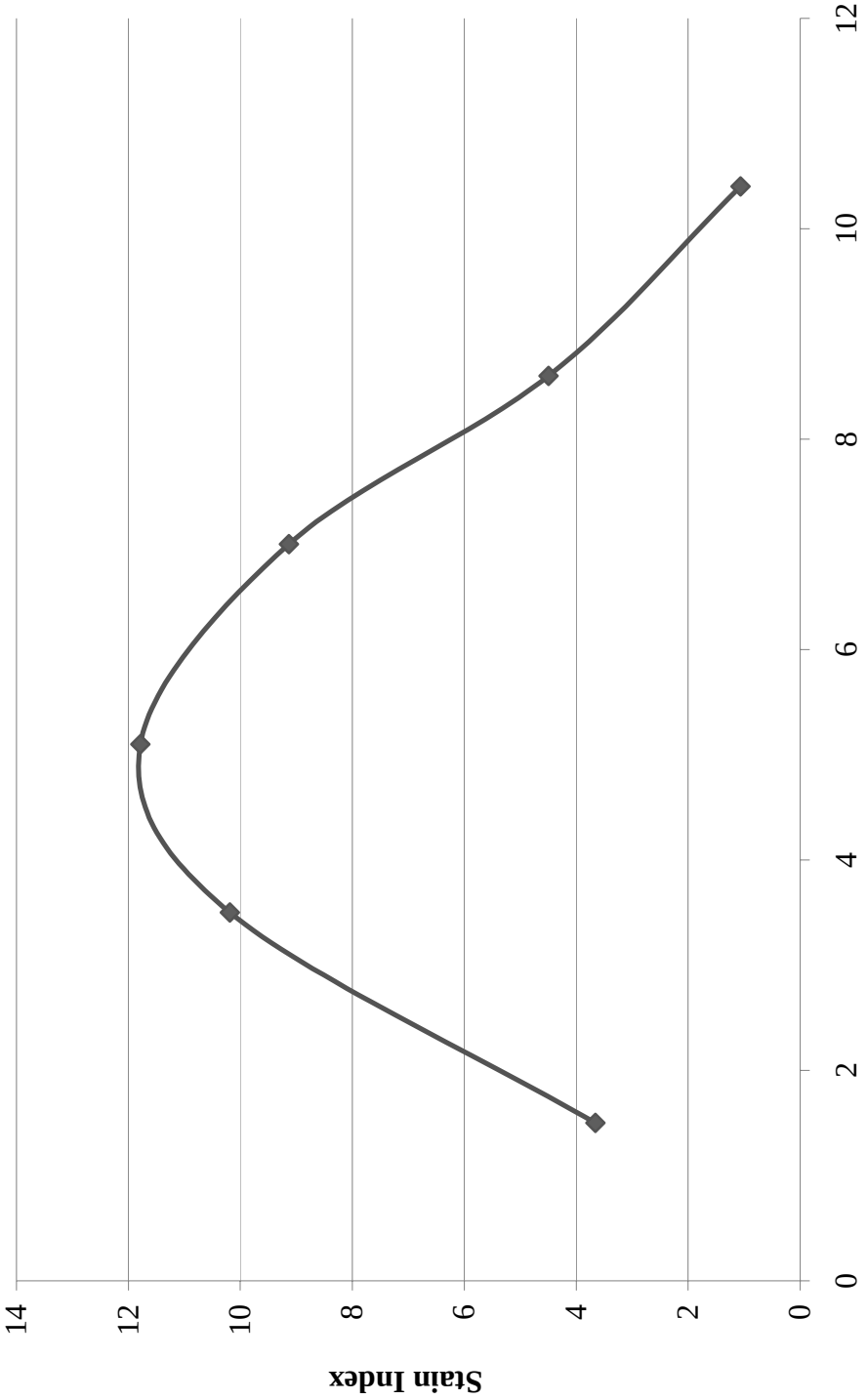


FIGURE 4

Anti-CD4 Antibody-Compound 7 Conjugates

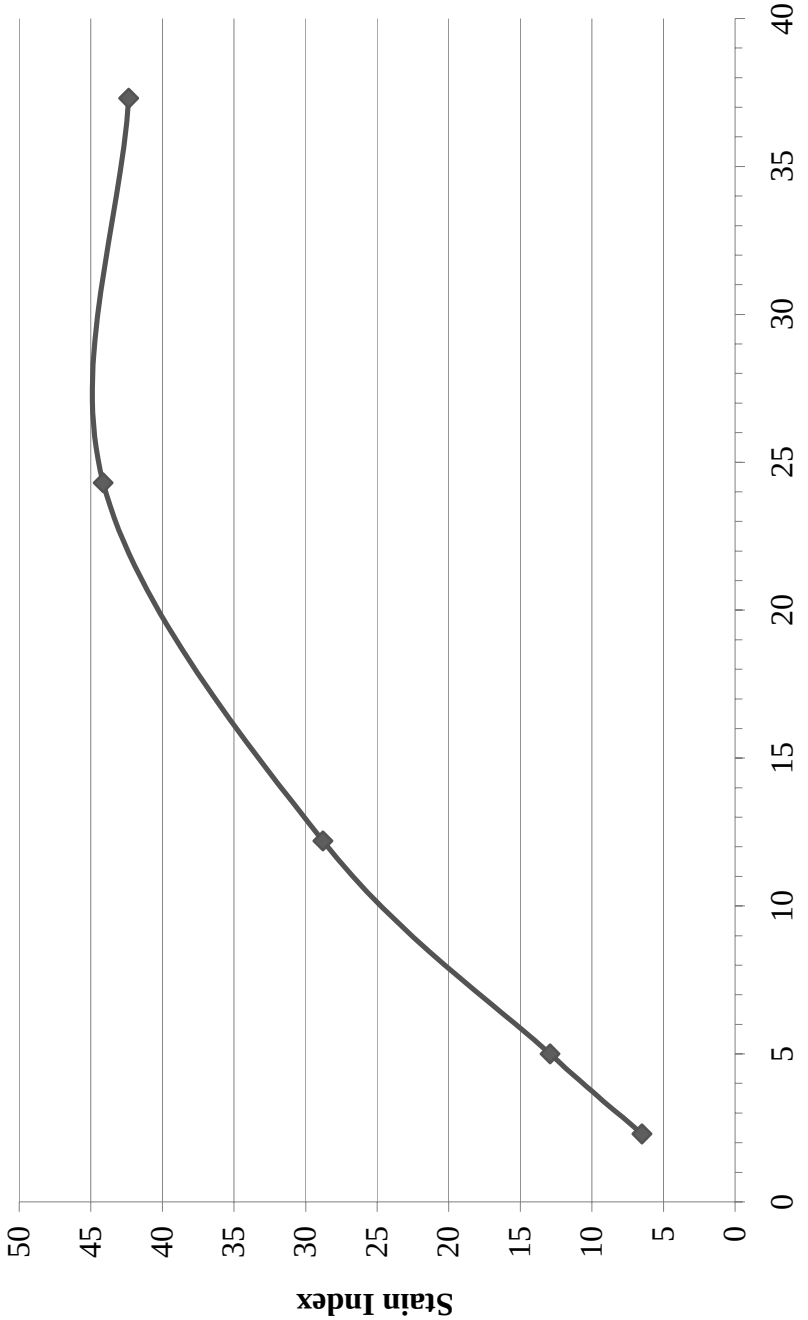


FIGURE 5

Anti-CD8 Antibody-Compound 7 Conjugates

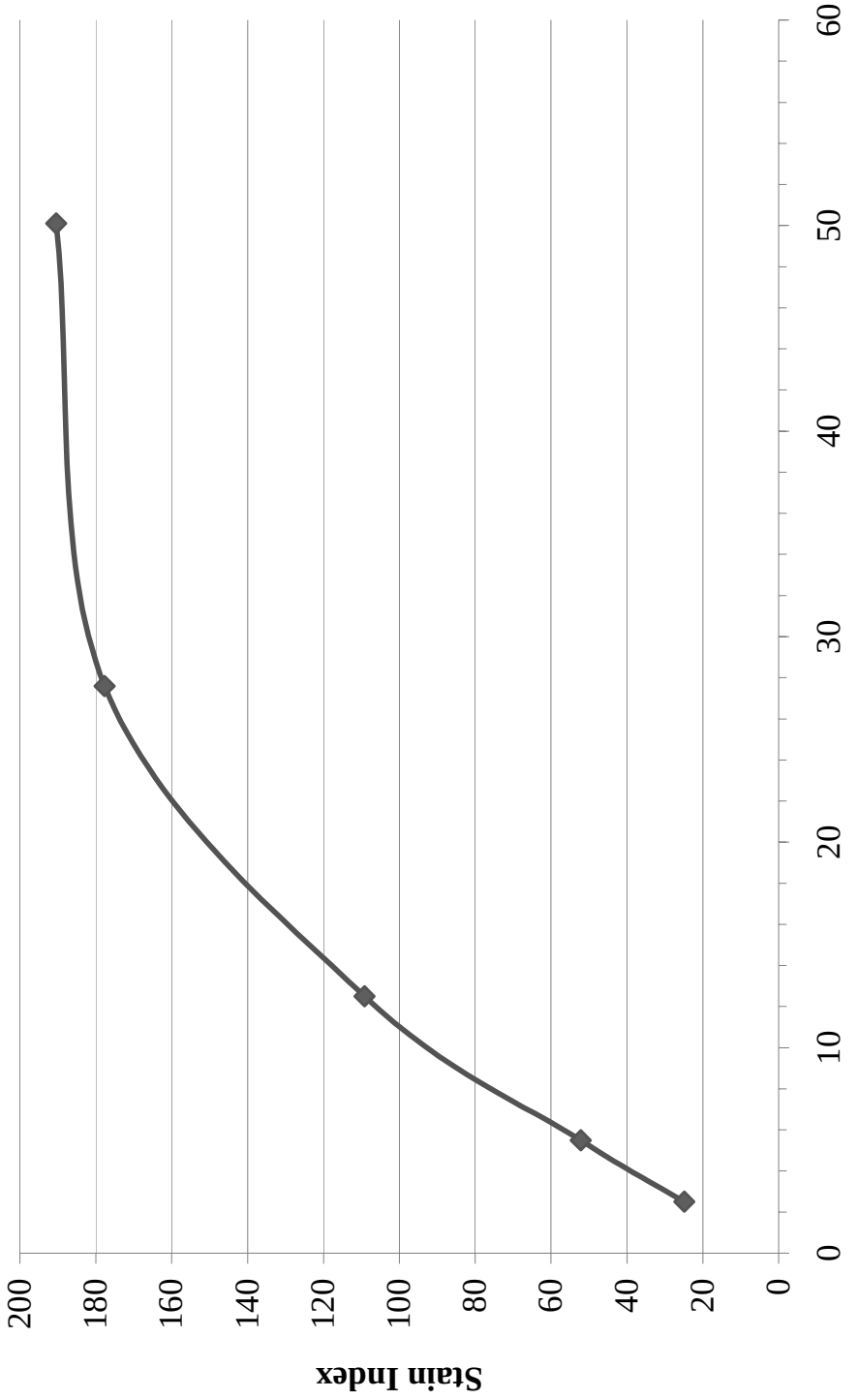


FIGURE 6

Anti-CD45 Antibody-Compound 7 Conjugates

