



Correction to: Considerations for Construct and Affinity Design Goals

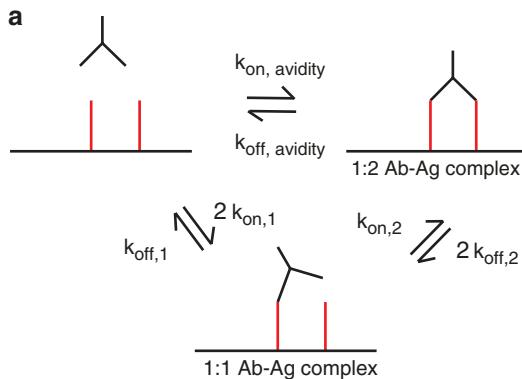
Mohammad A. Tabrizi and Scott L. Klakamp

Correction to:

**Chapter 3 in: M. A. Tabrizi et al. (eds.),
Development of Antibody-Based Therapeutics,
https://doi.org/10.1007/978-981-13-0496-5_3**

Owing to an oversight on the part of Springer, Fig. 3.3 of this chapter was initially published with errors. The correct presentation is given here.

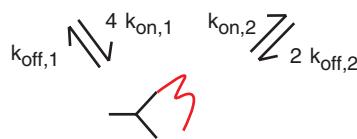
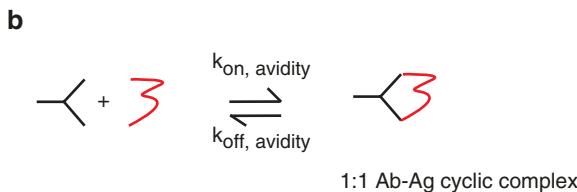
The updated online version of this chapter can be found at
https://doi.org/10.1007/978-981-13-0496-5_3



$$K_{d,1} = \frac{K_d^{\text{inter}}}{2} = \frac{k_{\text{off},1}}{2 \times k_{\text{on},1}}$$

$$K_{d,2} = 2 \times K_d^{\text{intra}} = \frac{2 \times k_{\text{off},2}}{k_{\text{on},2}}$$

$$K_{d, \text{avidity}} = K_{d,1} \times K_{d,2} = K_d^{\text{inter}} \times K_d^{\text{intra}} = \frac{k_{\text{off, avidity}}}{k_{\text{on, avidity}}}$$



$$K_{d,1} = \frac{K_d^{\text{inter}}}{4} = \frac{k_{\text{off},1}}{4 \times k_{\text{on},1}}$$

$$K_{d,2} = 2 \times K_d^{\text{intra}} = \frac{2 \times k_{\text{off},2}}{k_{\text{on},2}}$$

$$K_{d, \text{avidity}} = K_{d,1} \times K_{d,2} = \frac{K_d^{\text{inter}} \times K_d^{\text{intra}}}{2} = \frac{k_{\text{off, avidity}}}{k_{\text{on, avidity}}}$$

Fig. 3.3